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PHOENIX,  
ARIZONA

62.05

*Arizona*

INDEXES  
14<sup>TH</sup> ANNUAL  
GARDEN GUIDE

SEED & FLORAL COMPANY

1930



ARIZONA'S  
LEADING  
SEED  
HOUSE  
PHOENIX,  
ARIZONA

DWARF TELEPHONE PEAS  
MEXICAN JUNE CORN  
CACTUS BRAND 498 TOMATOES

# How to ORDER by mail

Prices in this Catalog *Cancel all Previous Prices*  
and are Subject to Change Without Notice

## YOUR NAME AND ADDRESS

Be sure that your name and address are written very plainly on each order. We frequently have orders where either name is not given or address omitted. Also give the R. F.

D. number and box or street address. We acknowledge all orders above 25 cents by Post Card. If such acknowledgment is not received, or if the order does not follow at once, write us about it.

## TO OUR CUSTOMERS

The service we render covers the same careful details in any size order when same is being prepared for shipping. We do not enjoy making errors but appreciate the fact that we can make them and will thank you to always

keep a copy of your order so that you can notify us promptly of any error, which we will be always willing to rectify at once; for you are the one we want to satisfy with service in delivering our merchandise.

## CASH WITH ORDER

The proper way is to send remittance in full to cover order and postage. Remittance should be made by Post Office Money Order or Express Money Order. For amounts up to \$1.00 clean unused Postage Stamps will be accepted. Checks

on Phoenix banks may be sent, which will be a great convenience to many customers. We do not accept responsibility for orders which never reach us. Kindly remit one-third of amount of order if same is to be sent C. O. D.

## SHIPPING

We will use our best judgment as to the best way of sending orders when specific directions are not given. On large orders it is better to have them go by express or freight if your town is on a railroad. If special directions in shipping are needed, send them explicitly, and where express or freight office is different from post

office so state on our order sheet. Paris Green, London Purple and other poisons are not mailable, nor are liquids like Black Leaf 40 and other insecticides; they must go by express or freight. Seeds do not pack well with nursery stock, they may get damp and become spoiled, it is therefore better to have them shipped separately.

## POSTAL RATES

Rates of Postage on Books, Seeds, Bulbs, Plants, Roots, etc., 8 oz. or less, 1c for each 2 oz.; all over 8 oz., Parcel Post rates.

**WEIGHT LIMIT:** First, second and third zones, 70 pounds; over third zone, 50 pounds.

1st zone Up to 50 miles from Phoenix	2nd zone 50 to 150 mi. from Phoenix	3rd zone 150 to 300 mi. from Phoenix	4th zone 300 to 600 mi. from Phoenix	5th zone 600 to 1000 mi. from Phoenix	6th zone 1000 to 1400 mi. from Phoenix
1 lb. ....7c 2 lb. ....8c	1 lb. ....7c 2 lb. ....8c	1 lb. ....8c 2 lb. ....10c	1 lb. ....9c 2 lb. ....13c	1 lb. ....10c 2 lb. ....16c	1 lb. ....11c 2 lb. ....19c
For every additional lb. or part of, add 1c.	For every additional lb. or part of, add 1c.	For every additional lb. or part of, add 2c.	For every additional lb. or part of, add 4c.	For every additional lb. or part of, add 6c.	For every additional lb. or part of, add 8c.

## SEEDS BY MAIL

On orders for vegetable and flower seeds we pay postage within the 4th zone limit, but we do not pay postage charges on Onion Sets, Field Seeds, Clovers, Grasses, Bird Seeds, Beans, Corn, Peas, Tools, Plants or Bulbs, except where the price reads postpaid. We do not ship plants (or any other perishable goods) C. O. D.

## Shipments Into Mexico

Our postpaid prices do not apply to seeds which are to be mailed out of the United States. On all orders for seeds or other merchandise, which are to be mailed into Mexico, include postage to the amount of 12 cents a pound, or a fraction of a pound, in addition to the remittance covering the order. On all orders amounting to from five to fifty dollars, add one dollar, and on orders from fifty dollars up, add two dollars for Consular fees as required by the Mexican Government. No fee is required on orders less than five dollars.

## We Do Not Warrant Seeds

The fact that no reputable seedsmen now warrant seeds in any respect being well known, renders it unnecessary for us to say very much on this point, as it must be apparent to every intelligent person that no seedsmen can afford to send out poor or worthless seeds. There could be no more certain way of destroying his business. We beg to append the following notice.

The seeds offered in this Catalogue have been carefully grown, selected, cleaned and tested for germination, and we believe them to be first-class in every respect, but we cannot guarantee the crop, as too many conditions enter into it; therefore, we give no warranty, express or implied, as to description, purity, productiveness or any other matter of any seeds, bulbs or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned at once, and if the money has been paid for them it will be refunded.

**Arizona Seed & Floral Company.**

**BUY THE BEST—WE DO**

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30 NORTH CENTRAL AVENUE, PHOENIX, ARIZONA

Date.....19... | Ship by..... } Mail  
 | Cross Out two } Express  
 | } Freight

Name of Town to which you wish Freight or Express Shipment made		
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AMOUNT CARRIED OVER





# Arizona's Leading Seed House

18  
YEARS  
OF  
DEPEND-  
ABLE SEED  
and  
FLORAL  
SERVICE



Our Store and Office, 30 N. Central Ave., Phoenix, Ariz.

## To Our Customers

Your patronage during the past years is solely responsible for our continued growth.

Gardeners, whether they plant for pleasure or profit, soon come to realize that it pays to plant good seed and it is the unqualified endorsement of our quality products that has made our success possible.

The Arizona Seed and Floral Co. has instituted a policy which we hope will be of assistance to anyone

interested in our line of merchandise, and in helping we learn to serve the public better, so please refer your needs in flowers, seeds, plants, and pet stock to us.

Assuring you of our appreciation of your loyal support, we remain,

*Yours very truly,*

*Arizona Seed and Floral Company*



A Few Seeds, Plenty of Water and Behold—A Garden

## Vegetable and Flower Growing at Home

This means a wealth of health, pleasure and satisfaction that one enjoys as no other recreation can equal. The Home Vegetable and Flower growing family will enjoy that well being feeling of real health that will give an outlook on the world that only healthy people can have. Just try a few seeds and see what nature can do with your help in making them grow. Get some literature from us when visiting our interesting store or write us a postal for information on growing vegetables and flowers.



# FLORAL DEPARTMENT

*Affiliated with the*

*"FLORISTS TELEGRAPH DELIVERY"*

**I**N this beautiful bower you will find flowers of almost every clime. Through our affiliations with the various flower-producing centers, we can fill practically any special requirement on reasonably short notice. We carefully execute telegraph delivery orders to all parts of the United States and furnish our customers with all available information as to the price and quality of flowers at the points of delivery.

Mail orders are promptly and expertly filled with the same painstaking care that characterizes the standard of service maintained by this establishment in every contact.

**CUT FLOWERS** must of necessity vary in price according to season, demand and supply, hence the following prices are merely given to provide an approximate scale to guide you in making your selections.

Prices for special floral pieces and decorations cheerfully furnished upon request and the expert counsel of our floral staff is at all times available to assist you in achieving the most desired effects at the most reasonable cost.

ROSES, American Beauty, May to November 1st—\$1.50 to \$3.00 per dozen.

ROSES, White, Red, Pink and Yellow—\$2.00 to \$10.00 per dozen.

CARNATIONS, Lath House Grown—\$1.00 to \$2.00 per doz.

CARNATIONS, Hot House Grown—\$1.50 to \$3.00 per doz.

CHRYSANTHEMUMS, in season—\$2.50 to \$10.00 per doz.

CALLA LILIES—\$2.00 to \$5.00 per dozen.

EASTER LILIES, Cut—\$5.00 to \$8.00 per dozen.

SWEET PEAS—50c to \$1.00 per bunch.

VIOLETS—35c to 50c per bunch.

CORNFLOWERS—50c to 75c per bunch.

CALENDULAS—50c to 75c per bunch.

YELLOW DAISIES—50c to 75c per bunch.

SHASTA DAISIES—75c to \$1.00 per dozen.

JONQUILS—75c to \$1.50 per dozen.

Boxes of Assorted Flowers—\$1.50 to \$10.00 each.

Baskets, beautifully arranged with flowers—from \$2.50 to \$25.00 each.

Corsage Bouquets—from \$1.50 up.

During the Fall, Winter and Spring months, and especially for Christmas, we can furnish a large assortment of Blooming Plants, such as Cyclamen, Poinsettias, Lilies, etc. Also

beautiful Ferns. Plants range in price, according to size, from \$2.00 to \$10.00 each.

## FLOWERS FOR COMMENCEMENT, STORE OPENINGS, ETC.

Baskets of Choice Flowers, from \$3.00 up to \$25.00.

Bouquets, artistically arranged, from \$2.00 up.

Good Luck Horse Shoes, from \$5.00 up.

All of the above we make up in individual styles.

## FOR WEDDINGS

BRIDAL BOUQUETS of Carnations or Roses, from \$3.00 up.

BRIDAL BOUQUETS of Choice Flowers such as Lilies of the Valley or Orchids, from \$3.00 up.

## FUNERAL DESIGNS AND SPRAYS

Carnations in Spray, \$3.00 and up, according to size.

ROSES in Spray, \$5.00 and up, according to size.

Anchor, Cross, Crescent, Wreath, Heart, Harp, Pillow, from \$7.50 up, according to size.

Gates Ajar, Broken Column, Broken Wheel, from \$10.00 up.

Lodge Designs, from \$7.50 up.

**BUY THE BEST—WE DO**



## PLANTING CHART

Kind of Vegetable	Seeds or Roots Required for 100 feet of Drill	One Acre	Distances for Plants to Stand			Depth of Planting	Ready for use After Planting—About
			Rows Apart		Plants Apart in Rows		
			Horse Cultivation	Hand Cultivation			
Asparagus, seed.	1 ounce.....	5 lbs.....	30 to 36 in.	1 to 2 ft.	3 in.	1 in.	2 years
Asparagus, roots.	60 to 80 roots.....	.....	3 to 5 ft.	12 to 24 in.	15 to 20 in.	3 to 5 in.	1 year
Beans, dwarf.	1 1/2 lbs.....	80 to 125 lbs.....	30 to 36 in.	18 to 24 in.	2 in.	1 to 3 in.	42 to 75 days
Beans, pole.	1/2 lb.....	40 lbs.....	3 to 4 ft.	3 to 4 ft.	12 in.	1 to 3 in.	72 to 90 days
Beets.	2 ounces.....	6 lbs.....	28 to 36 in.	12 to 18 in.	2 in.	1 in.	45 to 60 days
Brussels Sprouts.	3 pkts.	2 ounces.....	30 to 36 in.	24 to 30 in.	16 to 24 in.	1/2 in.	100 to 120 days
Cabbage, early.	3 pkts.	1/2 lb.....	30 to 36 in.	24 to 30 in.	12 to 18 in.	1/2 in.	90 to 110 days
Cabbage, late.	3 pkts.	1/2 lb.....	30 to 40 in.	24 to 36 in.	16 to 24 in.	1/2 in.	110 to 120 days
Carrot.	1 ounce.....	4 lbs.....	30 to 36 in.	18 to 24 in.	2 in.	1/2 in.	55 to 80 days
Cauliflower.	3 pkts.	1 ounce.....	30 to 36 in.	24 to 30 in.	14 to 18 in.	1/2 in.	120 to 150 days
Collards.	3 pkts.	1/2 lb.....	30 to 36 in.	24 to 30 in.	14 to 18 in.	1/2 in.	100 to 120 days
Corn, sweet.	1/2 lb.....	10 lbs.....	36 to 42 in.	30 to 36 in.	18 in.	1 in.	55 to 90 days
Cress, water.	4 pkts.	.....	Broadcast	4 to 6 ft.	4 every 3 ft.	Under water.	60 to 70 days
Cucumber.	1/2 ounce.....	2 lbs.....	30 to 36 in.	24 to 30 in.	18 in.	1/2 in.	50 to 70 days
Eggplant.	2 pkts.	1/2 lb.....	30 to 36 in.	18 in.	12 in.	1/2 in.	125 to 140 days
Endive.	1 ounce.....	2 lbs.....	30 in.	24 to 30 in.	20 in.	3 to 4 in.	100 days
Horse Radish.	70 roots.....	.....	30 to 40 in.	18 to 24 in.	18 in.	1/2 in.	1 year
Kale, or Borecole.	3 pkts.	1 lb.....	30 to 36 in.	18 to 24 in.	18 in.	1/2 in.	55 to 60 days
Kohlrabi.	3 pkts.	1 lb.....	30 to 36 in.	18 to 24 in.	6 in.	1/2 in.	55 to 70 days
Leek.	1/2 ounce.....	4 lbs.....	30 to 36 in.	14 to 20 in.	4 in.	1/2 in.	120 to 150 days
Lettuce.	1/2 ounce.....	2 lbs.....	30 to 36 in.	12 to 18 in.	6 in.	1/2 in.	70 to 90 days
Muskmelon.	1/2 ounce.....	2 lbs.....	6 to 8 ft.	6 to 8 ft.	4 every 4 ft.	1 in.	85 to 150 days
Watermelon.	1 ounce.....	3 lbs.....	8 to 12 ft.	8 to 12 ft.	4 every 6 ft.	1 in.	100 to 130 days
Mutts Radish.	3 pkts.	1 lb.....	30 to 36 in.	12 to 18 in.	4 or 5 to ft.	1/2 in.	60 to 90 days
New Zealand Spinach.	1 ounce.....	8 lbs.....	36 in.	24 to 36 in.	12 in.	1 to 2 in.	60 to 100 days
Okra.	2 ounces.....	8 lbs.....	4 to 5 ft.	3 to 4 ft.	24 in.	1 in.	90 to 140 days
Onion, sets.	1 ounce.....	24 to 36 in.	12 to 18 in.	2 in.	1/2 in.	125 to 150 days	
Onion, seed.	1 qt. of sets.....	50 lbs.....	30 to 36 in.	12 to 18 in.	4 or 5 to ft.	1 in.	100 days
Parsley.	3 pkts.	3 lbs.....	24 to 36 in.	12 to 18 in.	3 in.	1-8 in.	65 to 90 days
Parsnip.	1/2 ounce.....	3 lbs.....	30 to 36 in.	18 to 24 in.	2 in.	1/2 in.	130 days
Peas.	1 lb.....	60 lbs.....	3 to 4 ft.	30 to 36 in.	1 in.	1 in.	45 to 75 days
Pepper.	3 pkts.	2 ounces.....	30 to 36 in.	18 to 24 in.	15 in.	1/2 in.	130 to 150 days
Potatoes.	.....	.....	.....	.....	.....	.....	.....
Irish.	5 lbs.....	16 bu.....	30 to 36 in.	24 to 36 in.	14 in.	4 in.	90 to 150 days
Sweet.	3 lbs (or 75 slips).....	.....	3 to 5 ft.	3 to 5 ft.	14 in.	3 in.	150 days
Pumpkin.	1/2 ounce.....	4 lbs.....	8 to 12 ft.	8 to 12 ft.	4 every 5 ft.	1 in.	75 to 90 days
Radish.	1 ounce.....	10 lbs.....	24 to 36 in.	12 to 18 in.	1 in.	1/2 in.	20 to 75 days
Rhubarb, seed.	1/4 ounce.....	.....	36 in.	30 to 36 in.	6 in.	1/2 to 1 in.	2 years
Rhubarb, roots.	33 roots.....	.....	3 to 5 ft.	3 to 5 ft.	3 ft.	2 to 3 in.	1 year
Ruta-baga.	3 pkts.	2 lbs.....	30 to 36 in.	18 to 24 in.	6 in.	1/2 to 1 in.	90 days
Salsify.	1 ounce.....	1 lb.....	30 to 36 in.	18 to 24 in.	2 in.	1/2 in.	150 days
Spinach.	1 ounce.....	12 lbs, sown Broadcast;	30 to 36 in.	12 to 18 in.	2 in.	1 in.	45 days is min
Squash, Summer.	1/2 ounce.....	30 lbs.....	3 to 4 ft.	3 to 4 ft.	4 every 4 ft.	1 in.	65 to 70 days
Tomato.	2 pkts.	1 1/2 ounces.....	3 to 5 ft.	3 to 4 ft.	3 to 4 ft.	1/2 in.	125 to 150 days
Turnip.	1 ounce.....	1 lb, sown Broadcast;	24 to 36 in.	18 to 24 in.	2 in.	1/2 in.	45 to 90 days
		3 lbs.....	.....	.....	.....	.....	.....

## NUMBER OF PLANTS TO AN ACRE

SET AT REGULAR DISTANCES APART

Distance apart	No. Plants	Distance apart	No. Plants	Distance apart	No. Plants
3 in. by 4 in.	522,720	3 ft. by 3 ft.	4,840	5 ft. by 5 ft.	1,742
4 in. by 5 in.	392,040	3 1/2 ft. by 3 1/2 ft.	3,555	5 1/2 ft. by 5 1/2 ft.	1,440
6 in. by 8 in.	174,240	4 ft. by 1 ft.	10,890	6 ft. by 6 ft.	1,200
1 ft. by 1 ft.	43,560	4 ft. by 2 ft.	5,445	6 1/2 ft. by 6 1/2 ft.	1,081
1 1/2 ft. by 1 1/2 ft.	19,360	4 ft. by 4 ft.	2,722	7 ft. by 7 ft.	888
2 ft. by 1 ft.	21,780	4 1/2 ft. by 4 1/2 ft.	2,150	8 ft. by 8 ft.	680
2 ft. by 2 ft.	10,890	5 ft. by 1 ft.	8,712	9 ft. by 9 ft.	537
2 1/2 ft. by 2 1/2 ft.	6,860	5 ft. by 2 ft.	4,354	10 ft. by 10 ft.	435
3 ft. by 1 ft.	14,520	5 ft. by 3 ft.	3,904	11 ft. by 11 ft.	360
3 ft. by 2 ft.	7,260	5 ft. by 4 ft.	2,178	12 ft. by 12 ft.	302

**RULE** Multiply the distance in feet between the rows by the distance the plants are apart in the rows, and the product will be the number of square feet for each row or hill; which divided into the number of square feet (43,560), will give the number of plants to the acre.

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Winter Lawn, Capitol Building, Phoenix, Arizona

## LAWN GRASS SEED

Level the ground carefully, pulverizing all lumps and removing all stones. Enrich with Gromore fertilizer at the rate of one pound to 20x20 and rake it in. Scatter the seed evenly over the surface at the rate of two pounds to 10x10 for Australian Rye, one pound to 10x20 for Blue Grass and one pound to 500 square feet for

Bermuda Grass, then supply a mulch of sand or well rotted fine manure. Water carefully and regularly, not allowing the surface to dry until the grass is up. In the Salt River Valley and similar climates, Australian Rye Grass should be planted from September 15 to March 1 and Bermuda during the Summer months.

*Winter Lawns Beautiful and add Value to Your Home***White Clover**

Strictly first-class seed, clean and pure, of the highest quality. Used for a mixture in the Fall and Winter lawn. Plant one pound to 2000 square feet.

WHITE CLOVER—Lb., 75c; 10 lbs., \$7.00.

**Poa Trivialis**

Used for golf courses, putting greens and fairways and very satisfactory for lawns in shady places. Leaves are narrow and flat.

POA TRIVIALIS—Lb., 75c; 10 lbs., \$7.00, postpaid.

**Kentucky Blue Grass**

A suitable lawn for the higher altitudes and mountain districts of the Southwest; also used in warmer sections for Winter lawns. Sow one pound to 200 square feet.

KENTUCKY BLUE GRASS—Lb., 65c; 10 lbs., \$5.50.

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**Australian Rye Grass**

This is the most popular grass in the Southwest for a winter lawn. Plant two pounds to 10x10 feet, from September 15 throughout the Winter. Prepare a fine seed bed, sow the seed and rake in very lightly, and then spread a thin mulch of fine decomposed manure over the surface. Keep well-watered with a fine spray.

AUSTRALIAN RYE GRASS—Lb. 30c; 10 lbs., \$2.00; 25 lbs., \$3.75; 100 lbs., \$12.00.

Write for quantity prices.

**Red Top**

One of the best grasses. Used on golf courses and in all good lawn mixtures. Does well in wet places and under unfavorable conditions. Is drought resistant. Also used for pasture grass in the higher altitudes. For pasture sow 15 pounds per acre.

RED TOP—Lb., 45c; 10 lbs., \$4.00, postpaid.

**Cocoas Bent Grass**

(*Agrostis Maritima*)

This is also known as Seaside Bent or Oregon Bent. It is a true creeping bent, a native of our Western coastal regions and is used on the putting greens of golf courses. It is a rapid grower, heals quickly and is capable of resisting severe drought, coming quickly to life as soon as moisture is supplied.

COCOAS BENT GRASS—Lb., \$2.25; 10 lbs., \$20.00, postpaid.

**Bermuda Grass**

Selected from our very best fields and thoroughly reseeded. Requires three weeks under favorable conditions to germinate. A light mulch of pulverized manure and frequent watering will greatly aid germination. Plant one pound to 500 square feet.

BERMUDA GRASS—Lb., 60c; 10 lbs., \$5.00.

FLOWER SEED SECTION, PAGES 21 to 29



## Artichoke—*Alcachofa*

**CULTURE**—Sow any time except during hottest weather, when all seed beds require special care. Soil should be a free, moist loam and seeds should be planted an inch deep. Plant out when six inches high in rows four feet apart each way. Save offsets from best plants for new supply, as artichokes never come true from seed, some will prove inferior. When planting seedlings, reject those with spinose leaves.

**Green Globe** Pkt., 10c; oz., 90c; ¼ lb., \$3.00; lb., \$9.00, postpaid.

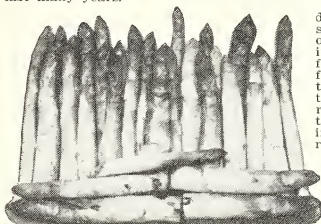


Large Green Globe

## Asparagus—*Esparrago*

**CULTURE**—Drill the seed thinly in rows fifteen inches apart during March or April. Thin out to two inches apart for strong plants.

Exercise great care in preparing a field because it will last many years.



Washington Asparagus

**Transplant** during February setting the roots one foot apart, in furrows four inches apart. Carefully spread out to avoid matting. The furrows should be ten or twelve inches deep and run North and South to get the sun on both sides of the rows. Cover the roots about 3 inches and as the plant grows throw the soil towards the plants.

plant. Each year when the berries are red, cut them close to the ground and burn, then dust the entire field with sulphur, to destroy any germs of mildew, red spider or rust that may be there. Keep a mulch over the row with a harrow, but cultivate more deeply between the rows. Use stable manure liberally and hill up a little higher each year. Irrigate freely during the growing period. Three pounds of seed is sufficient to plant an acre.

**ROOTS**—Plant one year old roots and do not cut them back. When planting see that the roots are well spread out so that the soil will touch every part. If this is not done the plant cannot thrive. Beds good for 7 to 8 years.

**Palmetto Asparagus Seed** A very early maturing and prolific variety, producing an abundance of large, deep green shoots of the best quality. Pkt., 10c; oz., 20c; ¼ lb., 40c; 1 lb., \$1.00, postpaid.

**Washington Asparagus Seed** This asparagus, which has been selected by the United States Department of Agriculture has proven to be nearly rust free. The shoots are thick and heavy. They are long and straight with closely folded tips. The color is rich dark green, tinted darker at the tips. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; 1 lb., \$3.75, postpaid.

**Palmetto Asparagus Roots** You can save from getting your asparagus beds in condition by the use of our large two-year-old roots. Plant them in the spring and cut good asparagus the following spring. Per dozen, 35c; per 100, \$2.50, by mail, postpaid.

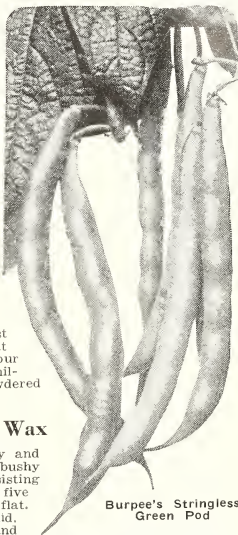
**BUY THE BEST—WE DO**

♦ **Washington Asparagus Roots** Two year old roots; Per dozen, 35c; per 100, \$2.50, by mail, postpaid.

## Beans—*Frijole*

Write for quantity prices

**CULTURE**—Beans require well drained loamy soil and frequent cultivation. Use manure sparingly as it has a tendency to run the plants to too much vine. Irrigate beans only when necessary and do not flood the vines. Cultivate before the soil has a chance to crust. For a Spring crop plant in late February, March and early April. For Fall crop plant in August and early September. Bush beans should be planted about three inches apart in three-foot rows at the rate of one lb. to 50 ft. of row and from 75 to 100 lbs. per acre. Plant pole beans at the rate of one lb. to 200 ft. of row or 40 lbs. to the acre. We list herein only varieties that are strictly adapted to our climatic conditions. For mil-dew on beans use powdered sulphur.



Burpee's Stringless Green Pod

## Improved Golden Wax

A medium early variety and a heavy cropper. Vigorous bushy growth of good dust-resisting nature. Pods are four to five inches long, broad and flat. Golden yellow, fleshy, solid, brittle, waxy texture and have an extremely rich, buttery flavor. Excellent for home and market gardeners. About 59 days to first picking. Pkt., 10c; ¼ lb., 15c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50, postpaid. By freight or express at purchaser's expense, lb., 25c; 5 lbs., \$1.20; 10 lbs., \$2.00.

**Burpee's Stringless Green Pod** This famous snap bean is a prime favorite with thousands of truckers and gardeners in the South and is also largely grown for canning purposes. It is one of the finest green-pod bush Beans in existence. The pods are medium green, five to six inches long, cylindrical, larger than those of the Red Valentine, but are quite as fleshy, of equally high quality and remain crisp and tender longer. This splendid sort is extremely early and enormously productive. It is a Bean of handsome appearance that will sell readily on any market. The quality is truly superb. The pods, even when full grown, are meaty and juicy, lacking the faintest signs of any string. They are tender and brittle, of very fine texture and delicate flavor. Pkt., 10c; ¼ lb., 15c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 65c; 5 lbs., \$1.60; 10 lbs., \$3.00, postpaid. By freight or express at purchaser's expense, lb., 25c; 2 lbs., 50c; 5 lbs., \$1.40; 10 lbs., \$2.50.

**Giant Stringless Green Pod** An exceedingly productive and handsome Bean. The plants are large, vigorous and spreading. The pods are large, ¼ to ¾ inches long, nearly round, straight, medium green. A few days later than Burpee's Green Pod and makes an excellent substitute or succession for it when planted at the same time. About 66 days from planting to first picking. Pkt., 10c; ¼ lb., 15c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 65c; 5 lbs., \$1.60; 10 lbs., \$2.75, postpaid. By freight or express at purchaser's expense, lb., 25c; 2 lbs., 50c; 5 lbs., \$1.20; 10 lbs., \$2.25.

**Prolific Early Black Wax** An old well known most striking feature of this Bean is its habit of ripening a large portion of its crop earlier than other varieties, which is of great value to market gardeners and those who depend on being first on the market. Dwarf, bushy growth, very prolific one of the earliest. Pods 4 to 5 inches long, usually somewhat curved, quite round, meaty, brittle and stringless, deep golden yellow of excellent flavor. About 63 days from planting to first picking. Pkt., 10c; ¼ lb., 15c; ½ lb., 20c; 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50, postpaid. By freight or express at customer's expense, lb., 25c; 5 lbs., \$1.20; 10 lbs., \$2.25.

SHRUBS, TREES AND ROSES, PAGES 45, 46, 47



**BROAD WINDSOR OR HORSE BEAN**—Our stock of this particular bean is extra fine and long podded and quite superior to stock usually carried by seedsmen. If shelled when young and cooked for about 25 minutes in boiling water with the addition of a pinch of baking soda it makes a most delicious vegetable. It is easy to grow and is very prolific. Postpaid—Pkt., 10c; 1/4 lb., 15c; 1/2 lb., 20c; 1 lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.00; 50 lbs., \$17.50.

## Pole or Running Beans

Plant three to four feet apart each way.

**KENTUCKY WONDER**—This large green pod bean should be planted as early as possible in the Spring and again the latter part of July and to August 15. The Fall crop does remarkably well if stalked. Pkt., 10c; 1/2 lb., 20c; 1 lb., 35c; 10 lbs., \$3.00, postpaid.

**KENTUCKY WONDER WAX**—Very similar to the green pod. Prolific and of good quality. Plant during June and July in Southern climates. Pkt., 10c; 1/2 lb., 20c; 1 lb., 35c; 10 lbs., \$3.00, postpaid.

IF YOU ARE A MARKET GARDENER, SEND US YOUR LIST AND WE WILL QUOTE YOU SPECIAL PRICES ON QUANTITIES.

## Lima Beans

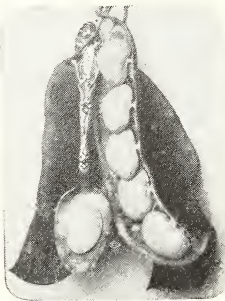
Kentucky Wonder

### Bush and Pole Varieties

**BURPEE'S BUSH LIMA**—Large seeded and very early maturing. Pkt., 10c; 1/2 lb., 25c; 1 lb., 45c; 10 lbs., \$4.00, postpaid.

**LARGE LIMA**—A pole variety, large seeded, bearing usually three to four beans in a pod. Pkt., 10c; 1/2 lb., 25c; 1 lb., 45c; 10 lbs., \$4.00, postpaid.

**HENDERSON'S BUSH LIMA**—The earliest of bush limas. It is small in size but of high table merit and favor with housekeepers on account of its delicious flavor and great productivity. Pkt., 10c; 1/4 lb., 15c; 1/2 lb., 20c; 1 lb., 35c; 10 lbs., \$3.00, postpaid.

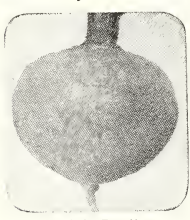


Henderson's Bush Lima

## Beet—Betabel - Remolacha

**CULTURE**—In the small garden beets may be grown in rows 12 inches apart, in the field 18 to 24 inches. They may be planted from August 1 to June 1. One ounce of seed will sow 50 feet of row and six or seven pounds are required for an acre. If the soil is in perfect condition beet seed will germinate readily, but they should not be planted in wet, soggy ground in the Winter time.

Frequent cultivation is necessary for rapid and tender growth. While it is true beets will endure considerable drouth and neglect, growing under these conditions they become woody and ill shaped.



Crosby's Egyptian

**ECLIPSE**—Not quite as early as the Egyptian. It is nearly round and has a small top. The flesh is of a bright red color, very fine grained, tender and sweet. Pkt., 5c; oz., 15c; 1/4 lb., 30c; 1/2 lb., 50c; 1 lb., 85c; 10 lbs., \$8.00, postpaid.

**CROSBY'S EGYPTIAN**—A medium sized beet, very early and of small top. It is a globe variety of deep crimson, sweet and tender. We recommend it highly for market gardeners or home garden. Pkt., 5c; oz., 15c; 1/4 lb., 30c; 1/2 lb., 50c; 1 lb., 85c; 10 lbs., \$8.00, postpaid.



Detroit Dark Red

**DETROIT DARK RED**—This is an ideal Beet for all purposes. It cannot be excelled for the table; free from fibre and very sweet. It is the best of all for pickling or canning. Even the tops are good when pickled. Postpaid, Pkt., 5c; oz., 15c; 1/4 lb., 30c; 1/2 lb., 50c; 1 lb., 85c; 5 lbs., \$3.75; 10 lbs., \$7.25.

When Beet tops are young and tender they may be cooked as spinach and are as good. The stems may be par-boiled and pickled for immediate use.

**EARLY WONDER**—This is the latest introduction in beets and is the earliest in the table varieties. It is globe-shaped, with small tap-root.

Flesh is very dark red, making it one of the very best for pickling and canning. The tops are very small, of a dark red color, permitting of closer planting than some of the older varieties. It is fine flavored, tender and crisp throughout the season. A splendid early variety for the home or market garden. Postpaid, Pkt., 5c; oz., 15c; 1/4 lb., 30c; 1 lb., 85c; 5 lbs., \$3.75.

**EXTRA EARLY EGYPTIAN**—An early dark red flat variety, which we recommend for late Spring and Summer planting, it having been thoroughly demonstrated by Salt River Valley market gardeners that it is far superior to any other for planting at this time. Pkt., 5c; oz., 15c; 1/4 lb., 30c; 1/2 lb., 50c; 1 lb., 85c, postpaid.

**EARLY BLOOD TURNIP**—One of the early sorts; turnip shaped, dark red and of medium size. Pkt., 5c; oz., 15c; 1/4 lb., 30c; 1/2 lb., 50c; 1 lb., 85c; 10 lbs., \$8.00, postpaid.

## Swiss Chard or Spinach Beet

The leaves of Swiss Chard are used for greens the same as Spinach or Beet tops. Seed sown early in the Spring will produce plants quickly, from which the light-colored, thick mid-ribs of the leaves may be cut down to the ground. New growth will quickly succeed it which may in turn be gathered. If the plants are allowed to grow on, an abundance of large, curly leaves may be obtained, which make excellent greens. No garden is complete without Swiss Chard.

**GIANT LUCULLUS**—The best garden variety, produces large tender stalks with early leaves. May start cutting in 35 to 40 days. Pkt., 10c; oz., 20c; 1/4 lb., 40c; 1/2 lb., 75c; 1 lb., 85c; 10 lbs., \$8.00, postpaid.



Swiss Chard

## Stock Beets for Feeding

**CULTURE**—Stock Beet Seed should be sown about one inch deep, in well cultivated soil in drills eighteen inches to three feet apart (depending upon the method of cultivation). When the plants are sufficiently large to stand ten to twelve inches apart in the rows.

The seed is generally sown at the rate of eight to ten pounds per acre. Beet Seed is very hard and does not germinate easily as other seeds, therefore the soil should be very moist at the time the seed is planted. If the soil should be dry it is advisable to soak the seeds in lukewarm water for 24 hours before planting.

**MAMMOTH LONG RED**—A very large mangel and a heavy cropper. Skin is red, flesh white, zoned with red. This is the most popular variety grown. Pkt., 5c; oz., 10c; 1/4 lb., 25c; 1 lb., 60c; 10 lbs., \$5.50.

**GOLDEN TANKARD**—A large yellow sort growing about half out of the ground. Pkt., 5c; oz., 10c; 1/4 lb., 25c; 1 lb., 60c; 10 lbs., \$5.50.

**GIANT HALF SUGAR ROSE**—We have seen specimens of this variety in the Salt River Valley weighing 45 pounds, and have heard of them weighing 70 pounds. Pkt., 5c; oz., 10c; 1/4 lb., 25c; 1 lb., 60c; 10 lbs., \$5.50.

**WHITE KLEIN WANZLEBEN**—Without a doubt the best sugar beet in cultivation. Not the largest in size, but the richest in saccharine. It will fatten hogs as quickly as grain. Pkt., 10c; oz., 10c; 1 lb., 60c; 10 lbs., \$5.50, postpaid.

By express or freight, purchaser paying charges, 5c per pound less. Write for prices in larger amounts.



Wanzleben Sugar Beet

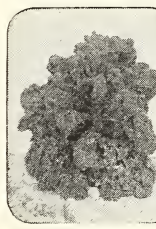
BUY THE BEST—WE DO

FOR A WINTER LAWN SEE PAGE 4



## Borecole or Kale—Breton Berza

**TALL GREEN CURLED SCOTCH**—The stalks grow 3 feet tall, with narrow leaves finely curled and beautifully fringed. A very hardy variety, yielding a tremendous crop of fine leaves. Pkt., 10c; oz., 20c; 6 ozs., 45c; 1/2 lb., 80c; 1 lb., \$1.50, postpaid. Dwarf, same price.



Borecole—Breton

## Broccoli

### Brocoli

One ounce will sow a bed 40 square feet and produces about 2000 plants.

Broccoli is very late cauliflower. It is an important market crop, but is not so well known by home gardeners. The culture is easy and the heads mature at a time when garden vegetables are scarce, therefore it should command much more attention from the market and home gardener.

**CULTURE**—Seed is sown in shaded beds in July so that well matured plants may be had for transplanting during September. The plants require abundant irrigation and make most of their growth

during the late fall, stand still during the coldest weather and head in the spring, earlier or later, according to variety. It is possible to secure a succession of fine white heads from January to April by using different varieties, all set in the field at the same time.

**GREEN SPROUTING BROCCOLI**—New member of Broccoli family and one of the best. Pkt., 15c; oz., \$1.50; 1 lb., \$15.00, postpaid.

**ST. VENTURINE**—Head very compact, of creamy white. Pkt., 15c; 1/4 oz., 50c; oz., \$1.50; 1/2 lb., \$4.00; 1 lb., \$15.00, postpaid.

## Brussels Sprouts

### Berza de Bruselas

One ounce will sow a bed 40 square feet, and produce about 2,000 plants.

**CULTURE**—A very highly esteemed member of the Cabbage family. The sprouts are miniature cabbages growing closely on the stalk of the plant, a small head being formed at each leaf joint. Plants are very hardy and live through the winter in all parts of the country. Quality and flavor much improved by frost. Sow seed in July, in shaded beds, and when plants are 4 to 6 inches high transplant to open ground and cultivate as for cabbage.

**PARIS MARKET**—A half dwarf bearing a handsome crop of round hard sprouts of the finest quality. Pkt., 10c; oz., 30c; 1/4 lb., 90c; 1 lb., \$2.75, postpaid.



## Cabbage—Col Repollo

**CULTURE**—The secret of growing hardy plants is to thoroughly prepare the soil in the plant bed. Plow the soil to a depth of eight or ten inches, pulverize well. Sow in drills not too freely, about one-half inch deep, press the soil firmly over the seed; this is important. In about six weeks transplant in rows three feet apart, one foot in the row for Winnigstad, 18 inches for large-heading varieties. Keep the crop well watered and cultivated, for when the growth is checked the seed head matures and bursts forth as soon as moisture is again applied. This accounts for much cabbage going to seed. Early varieties mature about three and one-half months after transplanting; late varieties in about five months.

**GOLDEN ACRE**—This very valuable new introduction is similar to Copenhagen Market, but several days earlier and smaller. As the name indicates it is a very profitable sort to grow. The size is just right and the earliness and uniform heading tendency make it one every market grower and home gardener should plant for first early. Pkt., 10c; oz., 40c; 1/4 lb., \$1.25; 1 lb., \$4.50, postpaid.

**EARLY JERSEY WAKEFIELD**—Very early, maturing in 90 days. Small head inclined to point like the Winnigstad. Recommended for home garden where earliness is desired. Pkt., 10c; oz., 35c; 1/4 lb., \$1.20; 1 lb., \$3.50, postpaid.

**FOR CABBAGE WORMS**—We do not hesitate to recommend Paris Green to be used from two to three weeks before marketing the Cabbage, because the spray only reaches the outer leaves that are not eaten, and because within two weeks the elements neutralize the poison. Also when only

one tablespoonful of Paris Green is mixed with four gallons of water, and kept well agitated there could not possibly be poison enough on a head of cabbage to even make any one sick. Add one cupful of flour paste to make it adhere.

**FOR APHIS**—Apply Nico Dust or Blackleaf 40 Liquid Spray.

**EARLY DWARF FLAT DUTCH**—An excellent second early variety, producing large, solid, round heads, flat-topped on top, tender and fine grained. Highly valued for its quality and ability to resist heat. Pkt., 10c; oz., 30c; 1/4 lb., 90c; 1/2 lb., \$1.50; 1 lb., \$2.50; 5 lbs., \$11.00.



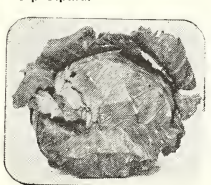
Copenhagen Market

## COPENHAGEN MARKET—

A new early variety, producing large, round heads very early in the season, about as early as Jersey Wakefield. It is short stemmed, producing heads almost on the ground; leaves light green, medium size, and always tightly folded over the head. The plants, therefore, may be set closer together than most other early varieties. This new, large, round head, extra early Cabbage was originated in Denmark by an old Cabbage specialist, where nearly all of our best varieties of Cabbage originated. It has become a great favorite with market gardeners wherever grown, as it combines earliness, hardness, size, shape, quality and even maturity. All of which are of great value for the market. It is a variety that yields a prolific extra early variety. The heads mature so evenly that it can nearly all be harvested at one cutting. We can recommend Copenhagen Market as one of the best early varieties for medium to light soils, but on rich, heavy soils it grows so large that shippers will not buy it when smaller, more compact stock is obtainable. Pkt., 10c; oz., 40c; 1/4 lb., \$1.25; 1/2 lb., \$2.40; 1 lb., \$4.50, postpaid.

**EARLY WINNIGSTADT**—This is one of the most popular varieties with market gardeners and growers for the early shipping trade. There is no early variety that heads with greater certainty, more solid or stands shipping better than Early Winnigstad. The heads are good sized, cone-shaped, cone-shaped, broad at the base, with twisted top. Unlike any other variety, Winnigstad is a dense and heavy cropper, even when planted late. Many who grow for the shipping trade plant it for their main crop as it usually commands a premium over the larger, loose-headed varieties. If growing for the shipping trade, and your soil is very rich, this variety should be grown. It can be planted closer together than the larger varieties, thereby growing as large a tonnage per acre. Growers of this variety are always able to dispose of it without trouble, while those who grow the larger, loose-headed varieties sometimes have trouble in disposing of it. Our Winnigstad seed is grown under contract for us in Denmark. We cannot recommend it too highly, and urge growers to grow it more largely. Pkt., 10c; 1 lb., \$2.50; 5 lbs., \$11.00, postpaid.

**EARLY ALL-HEAD**—This is an excellent sort, producing a good, solid head weighing six to eight pounds from practically every plant, under fair conditions. It is among the earliest sorts and is a very profitable sort to grow. The outer leaves are few and close planting can be made, as close as 18 inches in the rows and rows two feet apart. Pkt., 10c; oz., 30c; 1/4 lb., 90c; 1 lb., \$2.75; 5 lbs., \$13.00, postpaid.



Danish Ballhead

### All Head Early

**DANISH BALL HEAD OR HOLLANDER**—A handsome, hardy, late cabbage, making medium sized, very hard heads.

A splendid cabbage to plant for late maturity. The irregular character of growth of the plant does not seem to affect its valuable, hard heading qualities. Particularly desirable for home keeping and distant shipping with its keeping qualities. Plants vigorous and compact with few large, thick, long upright leaves. Stems are of medium length. Pkt., 10c; oz., 35c; 1/4 lb., \$1.25; 1 lb., \$3.50, postpaid.

## Red Cabbage

**MAMMOTH RED ROCK**—By far the best, largest and hardest red cabbage ever introduced. The plant is large with numerous spreading leaves and a large, very solid, deep red inside as well as out. Pkt., 10c; oz., 35c; 1/4 lb., \$1.20; 1 lb., \$3.50, postpaid.

**BUY THE BEST—WE DO**

**WE CARRY A FULL LINE OF LAWN SUPPLIES**

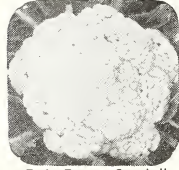
## Chinese or Celery Cabbage

**PE TSAI**—A fine strain of Chinese Cabbage that has become very popular in the last few years. The leaves are large, light green and wavy at the edge. The rib is broad and white and is of distinctive flavor. Can be used as a salad like lettuce or cooked like asparagus and cabbage. Pkt., 10c; oz., 40c; ¼ lb., \$1.50; 1 lb., \$4.50, postpaid.

### Cauliflower

Coliflor

Especially popular as a winter crop and with market gardeners proves a profitable crop, owing to the quantity of good market vegetables when Cauliflower is at its best. It is easy to grow in the garden, providing the soil is made rich and porous. Plant seed the latter part of July and during August and September in Southern Arizona. In the higher altitudes plant the same as cabbage. Set in rows 24 inches apart and 14 inches apart in the row.



Early Express Snowball

### EARLY EXPRESS SNOWBALL

This variety is the standard by which all others are judged. It makes the smoothest and most solid head, snow-white in color, with leaves overlapping the flower. There are many strains of this variety and at varying prices. Ours is an imported stock from Denmark that we have found best suited to Arizona conditions. Pkt., 25c; ¼ oz., 75c; oz., \$2.00; ¼ lb., \$7.50; ½ lb., \$14.00; 1 lb., \$25.00, postpaid.

## Carrot—Zanahoria

The Carrot is one of the most wholesome and nutritious of our garden roots and it may be prepared in many appetizing ways. There is probably no root crop that will produce as much food for the same amount of land as the Carrot. In Southern valleys they may be left in the ground all Winter. Our Cactus Brand Carrot seeds are great producers under arid conditions. Plant plenty of them.

**CULTURE**—The Carrot is very easily grown, being perfectly hardy in all temperatures which come to Southern Arizona. Seed should be sown from September to May in drills 10 inches apart on ridges. It requires four pounds of seed for an acre or one ounce to 100 feet of row. The drills are ready for table use in eight to ten weeks after planting, and remain good for three to four months. We especially recommend the improved Chantenay Carrot for the family garden.

Sow in drills 15 to 18 inches apart, covering the seed one-half inch deep. Keep clean by frequent hoeing and weeding. If needed, the young plants are easily smothered.

**DANVERS HALF LONG**—The best for general crop, will yield the most per acre. Most profitable for market gardeners. This variety originated in Massachusetts, where the raising of carrots is made a special business. On account of its productiveness and adaptability to all classes of soils it is now the most popular carrot grown. Tops are medium size, roots deep orange, large but of medium length, tapering uniformly to a blunt point. Smooth and handsome flesh, sweet, crisp and tender. Pkt., 5c; oz., 20c; ¼ lb., 30c; 1 lb., 90c, postpaid.



Oxheart

**WHITE BELGIAN**—Purely a stock variety, growing to enormous size; flesh and skin white and very sweet; a yield of 15 to 20 tons to the acre is not unusual. The crop is easily gathered and makes a splendid food for Rabbits, Cattle, Horses and Hogs. Pkt., 5c; oz., 20c; ¼ lb., 30c; 1 lb., 75c, postpaid.

**OX HEART**—Beautiful shape and color. The roots generally attain four or five inches in length. Very tender and sweet. Pkt., 5c; oz., 20c; ¼ lb., 30c; 1 lb., 90c, postpaid.

**IMPROVED LONG ORANGE**—The roots grow uniform and smooth, of large size and deep rich orange color. A good keeper, of fine quality for table use and excellent for stock. Pkt., 5c; oz., 20c; ¼ lb., 30c; 1 lb., 90c, postpaid.

**IMPROVED CHANTENAY**—Flesh a deep golden orange, roots smooth and very symmetrical. In size it ranks as intermediate between the Danvers and Ox Heart. It is very early and always produces smooth, shapely roots. Its fine appearance finds for it a ready market, its splendid table qualities keep it in demand. Pkt., 5c; oz., 20c; ¼ lb., 30c; 1 lb., 90c, postpaid.

### Celeriac

or Turnip Rooted Celery

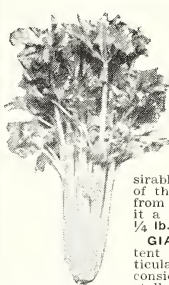
**LARGE, SMOOTH PRAGUE**—A large celery root used for flavoring soups. Pkt., 10c; oz., 35c; ¼ lb., \$1.20; ½ lb., \$3.50, postpaid.

### Celery

Apio

(1 oz. to 3,000 plants or 200 feet of drill)

Sow the seed from June 1st to Sept. 1st, in drills 6 inches apart, not too thick in the row to secure stalky plants. When the plants are strong, transplant to furrows four feet apart and 6 inches deep. Set the plants 6 inches apart in the furrows. As the plant grows, fill the earth toward the plant to secure proper bleaching. Never allow dirt to rest in the heart of the plant. Never work in Celery when it is wet with rain.



Golden Self-Blanching

**GOLDEN SELF-BLANCHING**—Is a vigorous grower and early, easy to cultivate and in every way a desirable variety. The very handsome color of the crisp, heavy stalks, their freedom from stringiness and excellent flavor make it a market favorite. Pkt., 10c; oz., 80c; ¼ lb., \$2.65; 1 lb., \$8.00, postpaid.

**GIANT PASCAL**—Grown to some extent in the Salt River Valley, more particularly for the home market, for it is considered too crisp for shipping. The stalks are large, thick, solid and very brittle. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; ½ lb., \$2.50, postpaid.

### Chinese Cabbage

Grow the same as you do lettuce—transplant to 10 inches apart in rows 12 inches apart.

One trial of this wonderful little cabbage will convince the grower that he has been missing something in the vegetable line. It is tender, crisp, blanches itself and is equally good raw or cooked. Pkt., 10c; oz., 50c; ¼ lb., \$1.65; ½ lb., \$5.00, postpaid.



Chinese Cabbage

### Collards

Col

An old time vegetable used for greens and green chicken feed. In Southern Arizona may be planted in Spring or Fall.

**TRUE GEORGIA**—Pkt., 10c; oz., 20c; ¼ lb., 50c; ½ lb., \$2.00, postpaid.

### Cress or Pepper Grass

Sow thickly in shallow drills during February, March, September and October. Used for salads and for garnishing.

**WATER CRESS**—Sow the seed in cool, moist soil or near shallow running water. Pkt., 10c; oz., 60c; ¼ lb., \$2.00, postpaid.

### Brussels Sprouts

Berza de Bruselas

Seed should be sown the latter part of July in a shaded bed and transplanted, when large enough, to rows three feet apart and 18 inches apart in the row. If lice appear spray with a solution of Black Leaf 40 and fish oil soap.

**TRUE IMPORTED**—Produces on the stem compact sprouts resembling miniature cabbages. A delicious vegetable. Pkt., 10c; oz., 25c; ¼ lb., 75c; ½ lb., \$2.50, postpaid.

WRITE US YOUR VEGETABLE TROUBLES; WE STAND READY TO HELP.

BUY THE BEST—WE DO

ZINNIA FOR SUMMER FLOWERS



## Sweet Corn—Maiz Dulce

### Write for Quantity Prices

**CULTURE**—Sweet corn should be planted in the Spring, when all danger of frost is over and when the ground is warm enough to prevent the seed from decaying. Yellow Dent, Sacaton June and Hickory King may be planted in July as well, and Sweet Corn and early September. One pound of seed will plant about 300 feet of row and about 10 pounds is required for one acre.

Plant in hills 18 inches apart, with rows three feet apart. Plant four or five seed to the hill, but do not allow more than two stalks to grow and remove all side shoots. Cultivate after each irrigation until corn shades the ground; this is very important. Irrigation should be governed largely by the texture of the soil, but never allow the soil to become dry.

All varieties listed here are successfully grown in Arizona. For larger quantities than found listed, write for special prices. For Corn Worm, we recommend dusting with Arsenate of Lead.

**ADAMS EXTRA EARLY**—Not a sugar corn, but one that is planted extensively by market gardeners. We have reports of it having reached the marketing stage in 52 days. Pkt., 10c; lb., 35c; 10 lbs., \$2.50, postpaid.

**COUNTRY GENTLEMAN**—An old standard variety of very fine quality. Kernels are deep and ear is somewhat smaller than sweet corn, but matures in about ten weeks. Plant in March and July. Pkt., 10c; lb., 35c; 10 lbs., \$2.50, postpaid.

**OREGON EVERGREEN**—The most popular and best main crop variety of the Sugar Corns. Of great strong growth about six feet high. Ears keep in good condition for boiling a remarkably long time. Oregon Evergreen is a very early variety of excellent flavor and large size, a fodder corn on account of its succulent stalks. Pkt., 10c; lb., 35c; 10 lbs., \$2.50, postpaid.

**PAPAGO**—This variety is the early Sweet Corn which can be counted on for a sure crop in a dry, hot climate. The ears are well filled and of excellent flavor, making it unexcelled for a table corn. Each kernel of seed will produce from 6 to 8 stalks which grow to a height of from 7 to 8 feet, and each stalk will produce one or two ears. As Papago is a native of Arizona, it readily withstands drought and makes a crop where other varieties would fail absolutely. It is extremely hardy and well able to withstand the attacks of all insects. 1 lb., 25c; 10 lbs., \$1.50, postpaid.

**STOWELL'S EVERGREEN**—The standard sort of main crop everywhere. Ears large, deep grained, exceptionally tender and sugary; remains tender and eatable longer than any other variety. A general favorite with canners and market gardeners for late use. Pkt., 10c; lb., 25c; 10 lbs., \$2.00, postpaid.

**IMPROVED GOLDEN BANTAM**—An extra early sort of exceptionally fine flavor. Once tried always grown. For Southern Arizona, plant in March and August. Pkt., 10c; 1/2 lb., 20c; lb., 35c; 10 lbs., \$2.50, postpaid.

### PLANT MORE CORN THIS SEASON

Golden Bantam

## Mexican June (Cactus Brand) June Corn

Developed Especially for Ensilage and Roasting Ears.

Last year we imported some very fine June corn from New Mexico. This seed, which had been bred up for several years, was absolutely a pure strain of June Corn. We had it planted in very rich soil, giving us an excellent crop from which to select seed. Our new strain developed corn with sixteen rows to the ear, two ears per stalk, and the stalks average from 12 to 16 feet in height. Twenty to thirty tons of silage can be produced per acre from this superior strain of seed. Plant 12 to 20 lbs. per acre for silage, as thickness in planting, while retarding ear development, will give increased tonnage. For a corn crop plant 8 to 10 lbs. per acre. Pkt., 10c; lb., 25c; 10 lbs., \$1.50. Write for prices on larger quantities.

**BUY THE BEST—WE DO**

## Field Corn

**HICKORY KING**—Is a distinct variety which has come very much into favor for either dry land or irrigating. Has an extremely wide grain and long cob. The ears are from 8 to 10 inches in length and are generally borne two to four ears per stalk, making it very productive. It makes excellent roasting ears and is often used in place of sugar corn. Grows to a height of 7 to 9 feet and is in every way highly desirable. Lb., 25c; 10 lbs., \$1.50, postpaid. Write for prices on larger quantities.

**YELLOW DENT**—A very heavy yielding sort with long, soft kernels. Ears average 10 inches in length and have 16 rows. The only yellow corn for this section. Excellent for roasting ears in 85 days. Lb., 25c; 10 lbs., \$1.50, postpaid. Write for prices on larger quantities.

## Pop Corn

**WHITE RICE**—Most popular variety, very prolific. Ears short; kernels long, resembling rice in shape and color. Pkt., 10c; lb., 30c; 10 lbs., \$2.00, postpaid.

## Cucumber—Pepino

Use Semeas Powder on your cucumber seed to increase and prevent leaf blight. Hot Kaps are excellent protectors from late frosts. Have them ready for your cucumbers.

**CULTURE**—Cucumbers should be grown in hills four feet apart each way, eight to ten seeds in a hill, covered as lightly as can be trusted to retain the moisture until the plants take hold. Plant in August and early September for Fall crop. They require an abundance of water and frequent cultivation to obtain best results. When danger of insects is past, thin plants to three or four in a hill. If planting is done after the soil has become warm, they will be ready for the table in six weeks after planting. One ounce of seed will plant 50 hills and two lbs. an acre.

**KLONDIKE**—A splendid variety for pickling as well as for the market. Pkt., 10c; oz., 20c; 1/4 lb., 60c; lb., \$1.75, postpaid.

**IMPROVED LONG GREEN**—Dark green, growing 10 to 12 inches long. A old favorite. Pkt., 10c; oz., 20c; 1/4 lb., 60c; lb., \$1.50, postpaid.

**BOSTON PICKLING**—One of the best pickling varieties, being of medium size and dark green. Pkt., 10c; oz., 20c; 1/4 lb., 50c; lb., \$1.50, postpaid.

**ARIZONA DAVIS PERFECT**—For market gardeners this is the ideal cucumber, because of its wonderful uniformity, it being long, slender and tapering to the same shape at both ends. They pack well in crates or boxes and present a beautiful appearance. Pkt., 10c; oz., 20c; 1/4 lb., 60c; 1 lb., \$1.50, postpaid.

**EARLY FORTUNE**—The finest type of the White Spine yet produced. Early, very productive and disease resisting. Fruit 8 to 10 inches long, slightly tapering. Flesh white, very firm and crisp, with but few seeds. Color rich, dark green which does not fade when shipped long distance. Pkt., 10c; oz., 20c; 1/4 lb., 60c; 1 lb., 75c; 1 lb., \$1.50; 5 lbs., \$6.00, postpaid.

**EARLY WHITE SPINE**—Suitable for slicing. Very uniform, solid and crisp. Vines are of vigorous growth. Pkt., 10c; oz., 20c; 1/4 lb., 60c; 1 lb., \$1.75, postpaid.

**LEMON**—As its name indicates, it is somewhat similar in shape to a lemon. The flesh is tender and crisp. They are excellent for pickling, either green or ripe. For slicing they should be used just as the fruit is turning yellow. Pkt., 10c; oz., 25c; 1/4 lb., 50c; 1 lb., \$2.50, postpaid.

**JAPANESE CLIMBING**—While all cucumbers are running vines, this one is much more so. It is a distinct variety, readily climbing on poles or trellises. A pickling variety. Quality is splendid. Pkt., 10c; oz., 20c; 1/4 lb., 50c; 1 lb., \$1.75, postpaid.

**NICO DUST FOR APHIS ON CUCUMBER VINES**

**Endive**

Escarola o Endivia

Sow any time except during the extreme heat in Summer. When plants are three or four inches high, transplant to rows 18 inches apart. After plants are well grown, gather up leaves and tie at tips into a loose bunch to bleach the inner leaves. This vegetable is highly esteemed as a salad, and grows to perfection here. One ounce of seed will sow 150 feet.

**GREEN CURLED**—Leaves are finely cut and lacinated, giving the plant a curly, mossy appearance which is greatly enhanced when the centers are nicely blanched. This is the variety generally preferred because it blanches to a beautiful golden yellow. Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., \$2.50, postpaid.

**Egg Plant**

Beregena

This popular vegetable is indeed at home in Southern Arizona, 40 to 50 pounds of perfect specimens having been produced on a single plant. Since the seed is slow to germinate, great care must be taken in preparing the bed. Sow in hot beds or boxes and transplant when danger of frost is past. Plant two feet apart in 4-ft. rows. It is important to secure a rapid and continuous growth, therefore frequent watering and cultivation is necessary. Our acclimated seed is the best to be had. One ounce of seed will produce about 1000 plants.

**NEW YORK IMPROVED**—This variety has superseded all others, both for market and home use. Pkt., 10c; oz., 75c; ¼ lb., \$2.50; lb., \$7.50, postpaid.

**BLACK BEAUTY**—A handsome extra early large variety. Pkt., 10c; oz., 75c; ¼ lb., \$2.50; lb., \$7.50, postpaid.

**Garlic Sets**

Garlic has become a very profitable crop in the Salt River Valley. The demand is always good and prices are high. It should be planted in climates similar to Salt River Valley during October and November. In the higher altitudes during the Spring season. In planting, separate the little bulbets and plant the same as the large ones. One pound will plant 50 feet of row. Lb., 35c, postpaid. Ask for quantity prices.

**Gourd**

**CULTURE**—Gourds are tender annuals of trailing or climbing habit. The seed should not be planted until the ground is warm. Plant in hills and cultivate as cucumbers. Leave only two plants to a hill and allow the vines to ramble or train over a trellis for shading windows.

**MIXED VARIETIES**—Pkt., 10c.

**Kohlrabi**

Colinabo

**CULTURE**—This vegetable is a cross between a cabbage and a turnip. The edible portion is the large bulb which forms on the stem above the soil. We advise successive sowing in order to obtain tender bulbs, which have a mild, delicate, cabbage-like flavor. It is a hardy plant and seed may be sown practically all the year around, with the exception of the hottest months. Plant it like turnips and thin to six inches apart in row. One ounce of seed will produce 2000 plants.

**EARLY WHITE VIENNA**—Early and tender, having a flavor all its own. Pkt., 10c; oz., 30c; ¼ lb., \$1.00; lb., \$3.00, postpaid.

**EARLY PURPLE VIENNA**—Similar to the White Vienna, except in color. Pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.75, postpaid.

**Aromatic and Medicinal  
Herb Seeds**

**ANISE**—Used as a cordial and for garnishing and flavoring. Seeds have an agreeable aromatic taste. Pkt., 10c; oz., 35c.

**BASIL, Sweet**—The leaves are used for flavoring soups, stews and highly seasoned dishes. Pkt., 10c; oz., 50c.

**BORAGE**—The leaves are used for flavoring and the flowers furnish bee pasture. Pkt., 10c; oz., 50c.

**CARAWAY**—Grown for the seeds, which are used extensively for flavoring bread, pastry, etc. Pkt., 10c; oz., 25c.

**CATNIP or CATMINT**—The leaves are used for seasoning. It also makes an excellent bee pasture. Pkt., 10c.

**CHERVIL**—Used in soups and salads. Pkt., 10c; oz., 15c.

**CORIANDER**—The seeds are used in the manufacture of confectionery. Pkt., 10c; oz., 25c.

**DILL**—The seeds have an aromatic odor and warm, pungent taste. They are used as a condiment and also for pickling cucumbers. Pkt., 10c; oz., 25c.

**FENNEL, Sweet**—The boiled leaves are used in sauces. Pkt., 10c; oz., 30c.

**BUY THE BEST—WE DO**

♦ **MARJORAM, Sweet**—The leaves and the ends of the shoots are esteemed for seasoning in Summer and are also dried for Winter use. Pkt., 10c; oz., 75c.

♦ **ROSEMARY**—The aromatic leaves are used for seasoning. Pkt., 10c; oz., \$1.00.

♦ **SAFFRON**—Used for flavoring. Pkt., 10c.

♦ **SAGE**—The most extensively used of all herbs as a seasoning for dressing. Pkt., 10c; oz., 75c.

♦ **SUMMER SAVORY**—A hardy annual. The dried stems, leaves and flowers are extensively used for flavoring particularly in dressings and soups. Pkt., 10c; oz., 75c.

**Leek**

Puerro

**CULTURE**—Leek is a very hardy plant with a sweet, onion-like flavor. It resembles the young onion growth in the Spring as it does not bulb. The neck or stems are blanched by drawing the earth up about them as the plant grows in size or they can be transplanted to trenches and the trench gradually filled as the plant grows. They should be planted in drills or rows 16 to 20 inches apart and the plants 10 to 12 inches apart. Plant seed in seed bed, broadcast or in drills, covered to depth of one inch and which should be done as thick as a good-sized goose quill they should be transplanted.

**LARGE LONDON**—A large and strong plant. Pkt., 10c; oz., 35c; ¼ lb., \$1.15; lb., \$3.50, postpaid.

**Lettuce**

Letchuga

**Lettuce Seed Our Specialty—Write for Quantity Prices.**

**CULTURE**—Use only old seed for early planting. Plant seed September 10th to December 15th. However, lettuce seed does not germinate well in hot weather. It is also difficult to keep soil moist, and warm falls have a tendency to cause loose or flower heads. Medium soil preferred, but do not use alkali, or light sandy soil. High flat ridges about 3½ feet from center to center, with tops smoothed to about 16 inches, plant double row as near to the edge as possible. Use ½ pounds of seed to the acre. Soil should never be allowed to dry out after planting. Thinning and weeding should be done about one month after planting, thin to 12 inches. Cultivate after each irrigation. Seed sown in September should be ready for market about December 15th.

**NEW YORK SPECIAL**—flat head is the only variety we recommend. The usual yield is about 300 crates to the acre. The cost of seed is the smallest item in producing a crop. Quality of seed is the most important. We carry a large stock of lettuce seed over each year, assuring our customers a supply of two-year-old seed.

The big planting time is during September and October when the new seed has just been harvested. The new seed germinates so irregularly that planted during September it will keep coming up until January. On this account we always have a stock of seed carried over from the previous season which germinates quickly and uniformly.

**LEAF LETTUCE**

**DENVER MARKET**—For the family garden plant this variety broadcast on ridges allowing it to grow thick. Tender bunches may be cut in a few weeks after planting and it will continue to grow together, as thinned for table use. Very fine, crisp and early. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50, postpaid.

♦ **ICEBERG**—A splendid Head Lettuce. For Spring planting—compact, tender, crisp, creamy white heads. Grows a solid head in midsummer and is highly praised by all users. Grow this large, crisp, tender and sweet Summer heading lettuce when other varieties will not head. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75, postpaid.

♦ **EARLY CURLED SIMPSON**—A very popular variety of loose leaf lettuce. Pkt., 10c; oz., 20c; ¼ lb., 35c; lb., \$1.00, postpaid.

♦ **PRIZEHEAD**—One of the very best loose bunching or non-heading varieties. Leaves brown, very early and of remarkably fine flavor. Grows quickly and all except the outer row of leaves are very brittle. It is probably the most easily grown lettuce in cultivation. Pkt., 10c; oz., 20c; ¼ lb., 35c; lb., \$1.00, postpaid.

♦ **HEAD LETTUCE—NEW YORK IMPERIAL No. 2**—A bright resistant Lettuce. Excellent for cold weather conditions. Pkt., 10c; oz., 25c; ¼ lb., 80c; 1 lb., \$2.50; 10 lbs., \$22.50.

♦ **NUMBER 12, NEW YORK**—A type of early maturing Lettuce. Matures about 10 days earlier than the regular New York and cuts evenly. This lettuce can be planted for early Fall and Spring crops. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.00.

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## HEAD LETTUCE

## Arizona Wonderful Lettuce

## THE LEADING HEAD LETTUCE

A large, crisp tight heading lettuce which is a great favorite wherever grown. We have had no end of praise from our friends who have tried this variety. The quality is the finest, and the heads grow to enormous size, weighing on an average of two pounds. It stands shipping well, having heavy outer leaves to protect the head when packed.

Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$2.00.

## NEW YORK SPECIAL

Hardy, uniform heads, wavy light green outer leaves with a center bleached pure white. Crisp, tender and with a flavor that never fails to please. In planting New York Market Lettuce, be sure to thin out to ten inches between plants, as it does not head well if allowed to grow thick. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$2.00, postpaid.

**WHITE PARIS COS**—The best variety of the Cos Lettuce. Forms a large, light green plant with the head well folded and quite solid. Cos Lettuce is also called Romaine, and while it is little known here it is highly prized in Europe, and should be planted more extensively here. It is brittle, milky and very sweet, having a flavor not found in any other lettuce. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75, postpaid.

**BIG BOSTON**—Large solid heads of a light green color. Leaves smooth, broad and thin. We have experimented with this variety and have found it very satisfactory. Pkt., 10c; oz., 20c; ¼ lb., 35c; lb., \$1.00, postpaid.

## Muskmelons—Melone or Cantaloupe

**CULTURE**—Muskmelons must not under ordinary gardening conditions be planted until all danger of frost is past. Warm ground is essential to the germination of the seed, for if planted too early in the Spring it will rot. It is highly important that your soil should be in proper planting condition. First, it must be thoroughly soaked or irrigated. Second, as quickly as the moisture has thoroughly penetrated and the soil is in a tilable or workable condition, spade or plow the ground and see that it is thoroughly pulverized. Third, prepare furrows 6 to 8 inches in depth and 5 to 7 feet apart, according to space you can spare. Fourth, plant the seed in the furrows about 6 feet apart, covering the seed not more than 1 inch deep and as the plant grows, gradually fill up the furrow about it with soil until level with surface. Continuous cultivation is now necessary and where soil conditions require, systematic irrigation should be followed. Do not, however, irrigate close to the plant as it will cause damping-off, and other diseases. The roots of the plant being as long as the vine, close up irrigation is not necessary and in cultivating see that these roots are not disturbed as it would ruin the plant. Practice frequent shallow cultivation. Plant 8 seeds to the hill and when thoroughly established pull out all but three. One and one-half to two pounds of seed is used to an acre.

When Hot Kaps or paper covers are used, planting in the Salt River Valley usually starts in early February or March. If covered are not used, plant after all danger of frost is over.

**FOR THE CUT WORM**—Mix Paris Green with bran and sprinkle a circle around the plants; or use Arizona Seed & Floral Co.'s Special Mixture.

**FOR APHIS**—First keep the vines hardy by deep planting and proper cultivation, irrigation and fertilizers. Then if the aphids appear, which is unlikely, spray with Black Leaf 40 and Fish Oil Soap; for dusting use Nicotine Dust. Either way is a constant fight.

**FOR MELON BLIGHT**—That is caused by a fungus at the root, spray the hill freely with Bordeaux so that the liquid will follow the stems several inches beneath the surface. This should be done as a precaution rather than as a remedy.

**EDWARDS PERFECTO - SALMON TINT**—Developed from Eden Gem and the best of the Rocky Ford class. Fruit very uniform in size, nearly round and densely covered with a hard gray netting; flesh very thick and of a beautiful salmon tint, shading into green as it nears the rind. The Perfecto melons have the deepest flesh, smallest seed cells and deeper colored flesh than any other type of Rocky Ford shipping

melons. Recommended for their hardness, prolificness, rust resistance, deep flesh, and excellent eating and shipping qualities. Pkt., 10c; oz., 20c; ¼ lb., 70c; 1 lb., \$2.00; 10 lbs., \$15.00, postpaid.

**NEW PERFECTED PERFECTO**—Acknowledged to be the finest cantaloupe yet developed. This melon runs large and very uniform in size and has a fairly coarse, heavy net. The seed cavity very small; the rich, dark orange colored flesh extends to the rind. The flesh is fine grained, melting and of excellent flavor. The keeping and shipping qualities are unsurpassed. Pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.75; 10 lbs., \$17.50.

**PERSIAN MELON**—Yellow flesh, heavily netted but of smooth rind. Very sweet and of distinctive flavor. Spindly keeper. Average weight about seven pounds each; many much larger. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; 1 lb., \$4.00, postpaid.

**IMPROVED EDEN GEM**—Without doubt this is the best general purpose melon on the market today. It is uniform, well netted and a fine melon for market or home use. Several carloads of them are shipped from this valley each season and they command a good price. The above photograph will give some idea of their uniformity. They produce wonderfully and ship well. The meat is green, with a slight salmon tint in the seed cavity. Our seeds are from first cut select melons only and will produce the finest melons you ever had in your garden. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.50, postpaid.

### "HEARTS OF GOLD" OR IMPROVED HOODOO

This splendid melon has been grown commercially in the Salt River Valley for the past few years with marked success as a shipping melon as well as for local consumption.

The vines are hardy, strong, vigorous growers and rarely affected by rust. It is very early and prolific; has been known to mature in 70 days from planting.

The melons run from oval to oblong in shape, very uniform in size, averaging a little larger than the Rocky Ford varieties. While it is a ribbed melon, the ribs are not prominent and very heavily netted.

The flesh is a rich orange color, fine grained and of excellent flavor. The seed cavity is very small. The melon does not turn yellow when ripe but retains its natural green color and remains solid and firm for days after it is picked from the vine. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.00, postpaid.

**HALE'S BEST**—The Hale's Best Cantaloupe is large, running about nine to the Junbo flat crate. Well netted, oblong, very solid; the flesh is a rich salmon color, fine grained and of good quality. Pkt., 10c; oz., 25c; ¼ lb., 50c; lb., \$1.75, postpaid.

**HONEY BALL**—A new cross from Honey Dew and Cantaloupe. Similar to Honey Dew but quite well netted. Although the flesh is granate flavor and scent. We strongly recommend it for home use. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

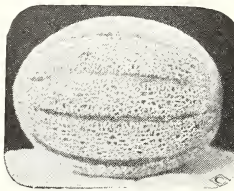
**IMPROVED SALMON TINT NO. 10-25**—This is an early melon of the solid netted type that is so desirable. Very small seed cavity, with thick, luscious flesh of genuine salmon tint, shading to green near the rind. A splendid keeper that stands shipping and always arrives in the best possible condition. It has been successful in the East, in the West, and in the South. It is a prolific yielder and has been pronounced by every one who has used it as the ultimate in salmon-fleshed melons. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50, postpaid.

**DELICIOUS GOLD-LINED ROCKY FORD**—The shape is ideal, being slightly oval, and it is heavily netted over the entire surface. The flesh of the entire melon is noticeably thick, fine grained and sweet. The color is green with a gold margin next to the seed cavity. Attractive both as to outward appearance and when cut. Pkt., 10c; oz., 25c; ¼ lb., 65c; 1 lb., \$2.00, postpaid.

**ROCKY FORD**—Thoroughbred. Rust resistant. The shape is slightly oval, skin a rich, greenish gold which fully ripens and the flesh a light green. We can recommend it highly for home or local market. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25, postpaid.

#### PINK MEAT OR IMPROVED BURRELL GEM

The Jumbo Pink Meat or Improved Burrell Gem is a decided improvement over the old type. It has become well known and takes its place as a standard variety in the Salt River Valley. Its shape is oblong and tapering to ends, averaging 7 to 9 inches in length, producing a large percent of jumbo crates, which always sell at a premium. The flesh is a golden pink color, very deep and shows a comparatively small seed cavity. It has proven one of our heaviest yielders and a most excellent shipper. The flavor is sweet and spicy, distinctive of this particular variety. The rind is almost entirely covered with a heavy solid net, the blossom end being well protected. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50, postpaid.



Jumbo Pink Meat

**EMERALD GEM**—A salmon-tinted variety of remarkable fine flavor and fine quality. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25, postpaid.

**EXTRA EARLY HACKENSACK**—The melons are of good size, weighing from five to ten pounds each. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75, postpaid.

**TIP TOP**—Green fleshed, oval with flattened ends. The seed cavity is small and the flesh firm. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75, postpaid.

**BANANA**—This curious melon looks and smells like a banana. The flesh is deep and of an exquisite flavor, being highly scented. Pkt., 10c; oz., 20c; ¼ lb., 35c; lb., \$1.00; 5 lbs., \$4.50, postpaid.

## Casaba Melons

### Plant More Casabas

Cultivate the same as muskmelon, and plant, according to your locality, from August 15 until July 15; for late shipping, from June 1 to August 1 seems to be the best time for planting.

Picking at the proper time is very important. If desired for immediate use do not pick until the rind will give under pressure, using the thumb to determine this. If rind is firm the melon is not ripe and full flavor has not yet developed.

Casabas can be picked green and held in storage until ripe. Green melons are used for shipments of any distance. Do not pick for shipment until the melon has lost its shiny appearance.



Honey Dew

**GREEN FLESHED HONEY DEW**—This melon has won its way into favor wholly because of its excellent flavor and good keeping qualities. It is enormously prolific. It is ready to sell when the green outer has changed toward a creamy yellow. It is not ready to be eaten until like the Casaba, you can make an impression with the thumb as in a mellow apple. The average size is about as large as a coconut, but the smaller sized melons are not inferior in flavor. Every melon is a good one. Flesh is light green and sweet as honey. The rind is light or silvery gray in color, smooth as an egg and hard as the rind of a winter squash. It is, therefore, a good shipper. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75; 5 lbs., \$10.00, postpaid.

BUY THE BEST—WE DO

**GOLDEN BEAUTY**—Grows from six to eight inches in diameter, nearly round, color a perfect golden yellow and rind very hard. This is perhaps the best flavored variety of casaba. Pkt., 10c; oz., 20c; ¼ lb., 70c; lb., \$2.00, postpaid.

**WINTER PINEAPPLE**—The true Winter sort. Large green fleshed melon, having a corrugated skin and a decided pineapple flavor. Pick after the melon has lost its green lustre, and store in a cool, dry place until thoroughly ripe. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50, postpaid.

**IMPROVED HYBRID**—Smooth rind, white flesh and of fine flavor. Excellent for local market or shipping. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50, postpaid.

## Watermelons—Sandia

**CULTURE**—Plant the seed in a furrow, dropping six seeds every eight or ten feet apart; cover about two inches. As the vines grow, hill the earth about them until the roots are 10 to 12 inches deep. When the vines are safely established, thin out, leaving only two vines to the hill. It is a good plan to establish your rows by throwing the soil toward the center, with one round of plowing, and cultivate every week during the early growth of the plants. This gives deep cultivation at the time it is needed, mulches the soil properly, makes proper rows slightly raised in the center, allowing a low place between for irrigating, as soon as the nature of the soil will permit. If these instructions are carefully followed you will have thrifty vines throughout the season.

Use one ounce of seed for the average garden. One ounce will plant 20 to 30 hills. Three pounds is required to the acre.

Fish melon Aphid use Nicotine Dust or Black Leaf 40 with Fish Oil soap.

Hot Kaps are excellent protectors from late frosts. Have them ready for your melons.

**KLONDIKE**—This is now, indisputably, the most popular melon on the market. It is popular with the grower because it is wonderfully adapted to dry farming, very prolific, early, long and continuous bearing. The seed is small, one pound of Klondike will number as many as two pounds of other varieties. The color of the seed is brown, mottled black. The flesh is bright red, tender and delicious. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50; 5 lbs., \$11.00; 10 lbs., \$20.00, postpaid.

### Our Cactus Brand Kleckley's Sweet

GOOD PRODUCER—GOOD FLAVOR—GOOD SHIPPER



Kleckley's Sweet

It is quite difficult to make a choice of watermelons. There are hundreds of varieties and most all of them have some good qualities, but after having tested many of them we have boiled the list down to what seems to be the most popular varieties. The Cactus Brand Kleckley's Sweet has given wonderful results and each year we find the sale increasing. It is an excellent shipper, ripens early and the flavor is fine.

By careful selection we have produced a uniform size, medium rind and a bright red flesh. For local market or for shipping you will find Cactus Brand Kleckley's Sweet a winner. Pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.50; 10 lbs., \$12.50, postpaid.

#### WRITE FOR OUR ATTRACTIVE QUANTITY PRICES

**WHITE SEED CHILIAN**—By far the most popular melon for home garden, it being small and of very fine flavor. Flesh a rich, deep red, ripening to a very thin rind. It is almost round in shape, having a rind of dark green slightly striped. Pkt., 5c; oz., 20c; ¼ lb., 40c; 1 lb., \$1.25, postpaid.

**BLACK SEED CHILIAN**—Has all the admirable qualities of the white seed melon. Grows a little smaller, has a very thin rind of rich green color, and if anything is a little more sugary. Pkt., 5c; oz., 20c; ¼ lb., 40c; 1 lb., \$1.25, postpaid.

**ALABAMA SWEET**—The best melon grown for shipping. Oblong, very sweet, dark green, faintly striped, entirely stringless; very prolific. We cannot recommend this melon too highly. Pkt., 5c; oz., 20c; ¼ lb., 30c; 1 lb., \$1.00, postpaid.

GET OUR QUANTITY PRICES  
ON MELON SEED

PLANET JR. SEEDERS AND CULTIVATORS



**"Irish Grey"**

New and good watermelons don't come often but this new South Georgia variety is one that has attained great popularity on its merits. It's a combination melon equally good for shipping or home use, being equal to or better than the Watson in that respect. It's sweet; the flesh is red, crisp and free from stringiness and the rind is a mottled greenish grey, entirely distinct. Rind is thin but very tough. Long distance shipments go through perfectly. Vines very vigorous, healthy and hold up and produce fine melons late into summer when other sorts die out. Plant "Irish Grey" for home or market use and you will be delighted. It's as satisfactory a melon as there is grown. Pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.50, postpaid.

**Irish Gray Watermelon**

that respect. It's sweet; the flesh is red, crisp and free from stringiness and the rind is a mottled greenish grey, entirely distinct. Rind is thin but very tough. Long distance shipments go through perfectly. Vines very vigorous, healthy and hold up and produce fine melons late into summer when other sorts die out. Plant "Irish Grey" for home or market use and you will be delighted. It's as satisfactory a melon as there is grown. Pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.50, postpaid.

**GRAY MONARCH**—Fruits uniformly long and large, oblong in shape. Color light green, slightly veined with darker shade. Flesh deep, rich and of splendid quality. Large Pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.00; 5 lbs., \$4.50; 10 lbs., \$3.00, postpaid.

**Cactus Brand—The New Tom Watson****VERY LARGE—VERY PROFITABLE**

An extra large Melon of attractive appearance, uniform shape and very fine flavor. The average Cactus Brand Tom Watson will weigh 40 pounds, and was having specimens in this past season weighing 65 pounds. It is an excellent shipping melon and commands a good price on any market, due to its very large size. The tonnage per acre is enormous. The Cactus Brand Tom Watson and Klockey's Sweet make an excellent combination for large shippers. Pkt., 5c; oz., 15c; ¼ lb., 20c; 1 lb., 65c; 5 lbs., \$2.75; 10 lbs., \$4.00, postpaid.

**WRITE FOR OUR ATTRACTIVE QUANTITY PRICES**  
**WHITE SEEDED ANGELENO**—This melon is highly praised on the Phoenix market because of its excellent shipping qualities, uniform shape and fine flavor. It is almost round, with a beautiful dark green rind, which makes it attractive to the buyer. Do not pick until the yellow shows slightly through the green and you will never disappoint your customer with a green melon. Pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.50, postpaid.

**THE NEW BLACK SEEDED****Angelono Watermelon**

A combination of the unexcelled qualities of the famous Angelono and the favorite black-seeded Chilian. Undoubtedly a melon of par excellence and a prime favorite for the market. The sweet crisp meat of this melon, together with its crisp, sugar crystalline flavor, endears it upon first use. Pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.50, postpaid.

**STONE MOUNTAIN**—A new introduction of the best quality, and is claimed to be the sweetest of all large melons; in shape it is almost round, dark green rind, medium thick; flesh rich scarlet. Not unusual to grow Stone Mountains weighing 70 to 80 lbs. For home and nearby markets it is unexcelled. Seeds white with black tips. Pkt., 5c; oz., 20c; ¼ lb., 45c; 1 lb., \$1.50, postpaid.

**TRUE AUGUSTA RATTLESNAKE**—This melon rapidly deteriorates unless it is severely rogued, therefore we take particular care in seed selection. It is elongated gray with green stripes; good size, with maximum of 30 to 40 pounds. Seed white with black ears; flesh crisp and excellent. Medium early. Pkt., 5c; oz., 20c; ¼ lb., 30c; 1 lb., \$1.00, postpaid.

**HALBERT'S HONEY**—This melon ripens early in all melon-growing districts. The melons are of cylindrical oblong form, with smoothly rounded ends. The rind is thin, the flesh crimson and of the very finest flavor. Pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.75, postpaid.

**THE EXCEL**—A new black-seeded melon that has made a sensation in the South. Its surpassing merits are in the size (average weight per melon in car is 35 pounds), enormous yield and excels all others as a shipper. We planted an acre on our trial grounds and find it is not only all that is claimed for it, but we were surprised at the excellence of its flavor. We recommend it to all who want a very large melon. Pkt., 5c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.50, postpaid.

**SWEETHEART**—Remains in condition for use longer than any other sort. Fruit early, large, oval and very solid. Flesh bright red, tender and sweet. Rind thin but strong, making it a good shipper. Pkt., 5c; oz., 20c; ¼ lb., 30c; 1 lb., \$1.00, postpaid.

**FLORIDA FAVORITE**—Oblong in shape, very early and a good shipper. Flesh light crimson, crisp and deliciously sweet. This melon is a favorite among shippers in the Salt River Valley. Pkt., 5c; oz., 20c; ¼ lb., 30c; 1 lb., 90c; 5 lbs., \$3.75; 10 lbs., \$7.00, postpaid.

**Citron Melons**

**GREEN SEEDED OR STOCK CITRON**—One of the most productive of stock melons. They will keep indefinitely. Pkt., 5c; oz., 15c; ¼ lb., 30c; 1 lb., \$1.00, 5 lbs., \$4.50, postpaid.

**PRESERVING CITRON**—The red-seeded type is most desirable for preserving, the flesh being solid and white. Pkt., 5c; oz., 15c; ¼ lb., 30c; 1 lb., \$1.00; 5 lbs., \$4.50, postpaid.

**Mustard****Mostaza**

Sow in the Spring or Autumn. Not particular as to soil, though a medium heavy one is best.

**OSTRICH PLUMES**—So called for its feathery appearance. Ornamental as well as useful. Pkt., 10c; oz., 20c; ¼ lb., 35c; 1 lb., \$1.00, postpaid.

**SOUTHERN GIANT CURLED**—Leaves large, 14 to 16 inches in length, which are cooked like spinach and have a very agreeable flavor. Pkt., 10c; oz., 20c; ¼ lb., 35c; 1 lb., \$1.00, postpaid.

**WHITE LONDON**—Best for salads or medicinal purposes. Pkt., 10c; oz., 15c; 1 lb., 75c, postpaid.

**CHINESE GREEN CURLED**—This is an Oriental vegetable, and like the White Mustard, is grown all the year around, but like our American Spinach thrives best in the winter season. Pkt., 10c; oz., 20c; ¼ lb., 40c; 1 lb., \$1.25, postpaid.

**Onions—Cebolla**

**CULTURE**—For the small garden for which these instructions are intended we advise planting only Bermuda Onions, the Crystal White Wax, the Sweet Spanish, the Australian Brown and the Yellow Globe Danvers. These are mild and good keepers and are suitable for green onions or mature. For green onions plant from Sept. 15 to March 1, in double rows six inches apart on ridges 12 inches apart at the rate of 4 oz. of seed to 100 feet of row. Thin out as pulled for table use and if any are left they will produce mature onions in five to seven months from planting. The red-seeded type readily to liberal fertilization, chicken or barn yard manure being highly recommended. Some commercial fertilizers will force them but affect the keeping qualities.

If you complete an acreage of onions do not fail to get our illustrated catalogue from Planet Jr. Planter. One of these famous planters will pay for itself in the saving of seed on one crop. Endorsed by many Arizona market gardeners. For field planting, 1 oz. of seed will plant 100 feet of row, and 3 pounds are required to plant an acre. Write for special prices in quantity.

**RED BERMUDA**—In shape, like the Yellow Bermuda, color a pale red. Planted during January, matures latter part of June. No other onion is ready for use so quickly after planting seed. It is the right onion for home garden. Pkt., 10c; oz., 35c; ¼ lb., \$1.25; 1 lb., \$3.50, postpaid.

**AUSTRALIAN BROWN**—This onion has claimed a place in America within recent years and seems abundantly able to maintain it. It is of medium size and of good quality; very early; rather flattened in shape; of brown color, and wonderfully hard and mild. It begins to form a bulb at an early period of its growth, when only a few inches high and quickly reaches maturity. Its leading and most valuable quality is its long keeping quality. Properly handled it will keep 12 months. Pkt., 10c; oz., 20c; ¼ lb., 75c; 1 lb., \$2.25, postpaid.

**CRYSTAL WHITE WAX**—Tenerife grown. A large white onion of the Bermuda type becoming more popular every year. It is mild and sweet, an excellent keeper and presents a beautiful appearance on the market, being of a waxy white, clean cut and uniform. It produces few seeds, therefore remains high priced, but regardless of the price a small quantity should be included in each order. Pkt., 10c; oz., 40c; ¼ lb., \$1.35; 1 lb., \$4.00, postpaid.

**GREEN BUNCH ONION**—Will produce green onions large enough for table use in about 75 days. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.00, postpaid.

**YELLOW BERMUDA**—Tenerife grown. We import direct from the noted island of Tenerife our seed which is grown by the most reliable seed grower in that celebrated district. This variety is more extensively grown in Arizona than any other, we recommend it and the Crystal Wax in preference to the many varieties usually offered in seed catalogues. For the reason that these few varieties have proven so highly satisfactory to the market that we have decided to use only these only be planted. The Yellow Bermuda is a pale straw color, flat and very mild. Pkt., 10c; oz., 40c; ¼ lb., \$1.35; 1 lb., \$4.00, postpaid.

**YELLOW GLOBE DANVERS**—A very popular variety for home market. Medium size, globular shape and mild. Pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., \$2.50, postpaid.

**SILVER SKIN**—Planted principally by market gardeners for a bunch onion, but the White Bermuda answers the purpose better because of its mildness. The Silver Skin is of medium size and early. Pkt., 10c; oz., 40c; ¼ lb., \$1.00; 1 lb., \$3.50, postpaid.



Sweet Spanish

3 inches in diameter. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; 1 lb., \$5.00, postpaid.

**WHITE SWEET SPANISH**—In flavor, uniformity and having all the good qualities of the Riverside Sweet Spanish, mildness this new onion can not be excelled. In addition to it is a good keeper, good shipper, and the fine white skin is most desirable. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; 1 lb., \$5.00, postpaid.

**SOUTHPOT WHITE GLOBE**—In form it is the same as the Yellow or Red Globe, but of much milder flavor than either of them, but is not so good a keeper, it, however, commands the highest market price. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.25; 5 lbs., \$15.00, postpaid.

We are large dealers in Onion Sets. Ask us for quantity prices.

One lb. of sets will plant about 75 ft. of row—about 250 lbs. required for 1 acre.

**Early Green Onions** are obtained much earlier by setting out sets than by sowing seed. Seed, however, should be sown to follow the crop grown from the sets. Usually our Sets are ready about September 15 and we can supply them until May.

**WHITE**—Lb., 35c; 10 lbs., \$3.00, postpaid.

**YELLOW**—Lb., 30c; 10 lbs., \$2.50, postpaid.

Market gardeners and onion growers who use large quantities of onion sets and onion seed will please write for wholesale prices.

## Okra or Gumbo

### Quimbambo

This popular vegetable of the South is not largely grown in Arizona, but it thrives well under Arizona conditions. It requires generous water supply and responds readily to fertilizer and cultivation. Sow seed after February 15, or when danger of frost is over, in drills and thin plants to one foot apart. One ounce will sow 50 feet of row. It requires about 90 days to grow to marketing size.

**TALL GREEN**—Very productive. Pkt., 10c; oz., 15c; ¼ lb., 25c; 1 lb., 75c, postpaid.

**WHITE VELVET**—The well-known pickle variety. Pkt., 10c; oz., 15c; ¼ lb., 25c; 1 lb., 75c, postpaid.

**DWARF GREEN**—A short pod variety, very popular on the market. Pkt., 10c; oz., 15c; ¼ lb., 25c; 1 lb., 75c, postpaid.



Parsley

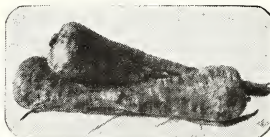
## Parsley

### Purllji

Parsley can be readily grown in Arizona by the use of a raised bed for Fall sowing. A light mulch will help to retain moisture, which will greatly aid in germinating the seed, as it is slow to start and cannot be covered deeply. One ounce of seed will produce about 500 plants.

**MOSS OR TRIPLE CURLED**—Compact growing variety. Excellent for garnishing and flavoring. Pkt., 10c; oz., 20c; ¼ lb., 45c; 1 lb., \$1.25, postpaid.

## Parsnips—Cheribia



Parsnips

seed will sow about 100 feet of row.

**HOLLOW CROWNED**—Pkt. 10c; oz., 20c; ¼ lb., 50c; 1 lb., \$1.50, postpaid.

Best sown during cold weather, October to March. Succeeds best in rich moist soil. Sow thickly in drills one foot apart and one-half inch deep. When the plants are two or three inches high thin to about four inches apart and cultivate same as carrots. One ounce of

## Peanuts

### A Great American Food

Plant more peanuts—they are one of America's best and cheapest foods. One pound of whole peanuts contains nearly one-half pound of fat and one-fourth pound of protein, while one pound of beefsteak yields less than one-third as much and one pound of eggs less than one-fifth that amount. The demand for peanuts as a food is increasing by leaps and bounds and great strides are being made in its culture and consumption. Thousands of acres are planted in the United States every year, the average yield being 34 bushels per acre.

Peanuts require a five to six months' growing season. In Southern valleys they should be planted in March or April, when danger of frost is over; they will then mature about September. It requires about 10 pounds shelled or 15 pounds of unshelled nuts to plant an acre. Plant about 20 inches apart in the row and the row 3 feet apart. In irrigated districts plant level and gradually hill to row. Irrigate about three times per month during hot weather and cultivate after each irrigation.

Postpaid to 1st, 2nd and 3rd zones.

## Peas—Chicaros o Alverion

Write for Quantity Prices—1 lb. to 80 feet of drill; 50 to 100 lbs. to the acre.

**CULTURE**—Peas should be planted during the months of September, October, November, January, February, March and April. They are very hardy and will stand a great deal of frost. Plantings made later than April will not prove very profitable, as they do not thrive in hot weather. In localities where frost does not occur until the middle of November, the quick-maturing sorts may be planted about the middle of September.

**Dwarf varieties** can be planted in rows 12 to 18 inches apart, and the tall ones in rows 3 feet apart. When the planting is done during the cold months, the seed should be put down from 1 to 2 inches, and in the warmer months from 3 to 4 inches. In the garden the pods should be kept picked, as the plants will bear longer. The tall varieties will continue bearing much longer than the dwarf kinds.

**AMERICAN WONDER**—A standard, extra early, dwarf, wrinkled pea. Height 12 to 15 inches, very prolific with fine well filled pods, containing 5 to 8 large peas which are exceedingly sweet, tender and well flavored, medium sized, generally flattened, wrinkled and pale green. Pkt., 10c; ¼ lb., 15c; 1 lb., 30c; 10 lbs., \$2.50, postpaid.

**STRATAGEM**—A favorite on the Phoenix market. The pods are of a dark green color and remain firm several days after picking. A very strong grower, very prolific, pods of good size and well filled. Vines stand upright, require no stakes. Pkt., 10c; ¼ lb., 15c; 1 lb., 30c; 10 lbs., \$2.50, postpaid.

**TELEPHONE**—A pole variety growing about four feet high. The peas are large and of a pale green color. The pods are very large, containing 8 to 10 peas each. Pkt., 10c; ¼ lb., 15c; 1 lb., 30c; 10 lbs., \$2.50, postpaid.

Stratagem

BUY THE BEST—WE DO

USE McQUEEN'S INOCULATOR FOR PEAS





Hundredfold

**DWARF TELEPHONE**—A dwarf variety of the famous Telephone, bearing large, handsome pods of peas of the finest quality; abundant bear of long, broad, straight pods about  $\frac{1}{4}$  inches long, well filled, frequently containing 9 to 10 peas;  $\frac{1}{2}$  feet high. Pkt.,  $\frac{1}{2}$  lb., 15c; 1 lb., 30c; 10 lbs., \$2.50, postpaid.

**HUNDREDFOLD**—Extra early large podded. Sixty days from planting to the table. Tender and fine flavored. Vine 18 inches; pods four inches. Red, yellow and green, wrinkled. Pkt., 10c;  $\frac{1}{2}$  lb., 20c; 1 lb., 35c; 10 lbs., \$2.75, postpaid.

**LAXTONIAN**—An early crop favorite used extensively by market gardeners for an early Fall crop. For your home garden you can plant no better. It matures within eight weeks. Pkt., 10c;  $\frac{1}{2}$  lb., 15c; 1 lb., 30c; 10 lbs., \$2.50, postpaid.

## Blue Bantam Peas

The Largest Podded Early Variety

Conceded the largest, the finest of all early sorts, and the seed we offer is acclimated. The Blue Bantam of dwarf type, growing only 16 to 18 inches high and requiring no support. The pods are very large and of a dark green color, filled with 8 to 10 large delicious peas. Pkt., 10c;  $\frac{1}{2}$  lb., 15c; 1 lb., 30c; 10 lbs., \$2.50, postpaid.

## Peppers—Pimiento o Chili

**CULTURE**—Sow in hot beds in November and December. In boxes or cold frames in January and February, and in the field where they are to remain, in March. Plants grown in the bed should not be set until the field soil the weather is warm and all danger of frost is past. The soil should be highly fertilized and plants should be kept well watered at all times. Plant in rows 30 inches apart and 18 inches apart in the row. One ounce of seed will produce 1000 plants.

## California Wonder Pepper

SUPERSEDES ALL OTHER VARIETIES

A bright, attractive green, changing to a brilliant light crimson. Sweet and spicy, with no bite to it. Not only is it ideal in size and shape but the meat is thicker, firmer and free from crooks and wrinkles than any other sort. Pkt. 25c; oz., \$1.50;  $\frac{1}{4}$  lb., \$5.00; 1 lb., \$15.00, postpaid.



Chinese Giant Pepper

## Chinese Giant Pepper

**CHINESE GIANT PEPPER**—A pepper of exceptional merit. It is very mild in flavor and is an ideal variety for the home garden. Produces enormous peppers measuring as much as five inches broad at the top and of equal length. It is highly productive, plants being so thickly covered that they appear to bear in clusters. Its flesh is thick, solid, but of fine texture, making the ideal stuffing pepper, for which purpose it is greatly and rightly famed. Pkt., 10c; oz., \$1.00;  $\frac{1}{4}$  lb., \$2.75; 1 lb., \$9.00, postpaid.

**ANAEHIM CHILI**—Slender pod about seven inches in length, desired for slicing because of its freshness and slight pungency. It has no insect enemies and when dried the pods are not perishable, therefore it is a safe stuffing pepper, for which purpose it is greatly and rightly famed. Pkt., 10c; oz., \$1.00;  $\frac{1}{4}$  lb., \$2.75; 1 lb., \$9.00, postpaid.

**LARGE BELL OR BULL NOSE**—An early variety and of mild, sweet flavor; the skin is quite fleshy, and of medium size. This is a very popular pepper. Pkt., 10c; oz., 80c;  $\frac{1}{4}$  lb., \$2.65; 1 lb., \$8.00, postpaid.

**FLORAL GEM**—The favorite variety when a small hot pepper is desired for pickling or highly flavored sauces. The fruit is cone shape and 2 inches long, green when immature changing to a creamy white and turning red as it ripens. We have a fine stock of this variety. Pkt., 10c; oz., 60c;  $\frac{1}{4}$  lb., \$2.00; 1 lb., \$6.00, postpaid.

BUY THE BEST—WE DO

**MEXICAN CHILI**—Red hot, green or ripe, just the thing for drying and flavoring Spanish dishes. It is a medium size, pear shaped pepper and turns a bluish black when dried. Pkt., 10c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50; 1 lb., \$5.00, postpaid.

**PIMIENTO**—A sweet pepper, excellent for canning or salads. Every home garden should have a row of Pimientos. Stuffed and baked it is far superior to all other peppers. Pkt., 10c; oz., 60c;  $\frac{1}{4}$  lb., \$2.00; 1 lb., \$6.00, postpaid.

## Pumpkins—Calabasa

**CULTURE**—Plant in March, July and August, seven to ten seeds in a hill and hills eight feet apart each way. Planted with corn they do well and yield an abundance of good hog and cow feed. One pound of seed will plant about 400 hills. Four to five pounds to the acre. Heavy fertilization will produce wonderful results.

**GREEN STRIPED CUSHAW**—An old favorite. Excellent for pies, and sells well on all markets; 18 inches to 2 feet long and 12 inches in diameter; green striped with crooked neck. Flesh thick, yellow, coarse, but sweet. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50; 5 lbs., \$7.00, postpaid.

**LARGE CHEESE**—A very productive pumpkin, shape flat, skin mottled, light green and yellow changing to a rich crimson color. Flesh yellow, thick and firm. The Large Cheese will yield as many tons per acre as most other larger varieties and it is a much better market type than the ordinary field varieties, therefore we recommend it for a general purpose pumpkin. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.00, postpaid.

**JAPANESE PIE**—A very valuable pumpkin of Japanese origin. The flesh is thick, of a rich salmon color, fine grained, dry and sweet. Very productive and highly desirable for pies or cooking. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.00, postpaid.

**KENTUCKY FIELD**—Large, round, flattened, hardy and productive. One to two feet in diameter. It has thick flesh of extra fine quality and is a splendid sort for family and market use as well as for stock feed. Pkt., 5c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.00, postpaid.

**IMPROVED CUSHAW**—This is a very fine large, smooth pumpkin, having a small seed cavity and fine grained flesh. It is excellent for pies and yields enormously. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50, postpaid.

**CONNECTICUT FIELD**—The world-famous corn field pumpkin, grown principally for stock feed. The vines are of strong, vigorous growth and heavy bearers. Under favorable conditions the Connecticut Field will yield about 15 tons per acre. Pkt., 5c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.00, postpaid.

**SMALL SUGAR**—This is the pumpkin from which the celebrated Yankee Pumpkin Pie is made. About 10 inches in diameter is its average size. Skin is deep orange yellow, with fine grained flesh; handsome and an excellent keeper. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50, postpaid.

**MAMMOTH TOURS**—Immense size, often weighing 100 pounds, oblong, skin green; good exhibition sort, or for stock feeding. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50, postpaid.



Small Sugar

## Seed Potatoes—Papas o Patata

Plant 600 lbs. to 800 lbs. to the acre.  
Postage, Express or Freight Extra.

**CULTURE**—Potato planting in Arizona begins in the Southern valleys by January first and gradually works north until May first.

Prepare the ground by deep plowing, thoroughly pulverizing and fertilizing with well-rotted manure. A sandy loam, reasonably rich in organic matter, is considered the best soil for potatoes; however, any soil that is light and easily worked and contains a good supply of plant food will grow them successfully. Most of our soils lack proper bacteria for growing potatoes, and a green crop, preferably a legume, should be planted in the Fall and plowed under at least two or three weeks before potato planting begins.

Opinions differ as to how the potato should be cut. Seed should not be cut and permitted to lay but be planted at once. Best results have been obtained by cutting the average size potatoes in two or three parts, planting one piece in each.

We recommend planting about 3 or 4 inches deep, and in hills 9 inches apart in 3-ft. rows.

Potatoes should be cultivated frequently, but should not be irrigated until absolutely necessary. There should be enough moisture in the soil before planting to carry the plants well along until the tubers are about the size of a walnut. This is very important.

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## NOTICE

Potato prices are f. o. b. Phoenix. If they are wanted by mail, please add postage at zone rates. (See inside front cover.) When ordering remit to us at the prices quoted here and we will fill your order at the market price prevailing the day it is received.

For 10- to 25-pound lots the parcel post rate is cheaper than express, but we recommend quantities of 50 pounds or more be sent by express or freight. If there is no agent at your station, please include prepay charges.

## Irish Cobbler

A very fine first early Potato of uniform size and good quality. Form oval and round, with a clean white skin and shallow eyes. Its strong growth, earliness, uniformity, large yield and fine quality are handsome attributes have made it a popular variety in all sections. 10 lbs., \$1.00; 25 lbs., \$2.00. Ask for quantity price.

**EARLY OHIO**—Our Red River Early Ohio seed potatoes are grown in the extreme north of Minnesota, where the potato growers have specialized on Early Ohios for years and have developed the best type of this variety. Seed from this district is one week earlier than home grown and our seed is free from scab and the disastrous blight, and is the favorite and most prolific potato in this section. Maturing early brings the fancy prices that are paid for first potatoes. This potato can be dug and marketed before it is fully matured. 5 lbs., 75c; 10 lbs., \$1.00; 25 lbs., \$2.00.

If by parcel post add postage. If by express or freight purchaser pays transportation. For larger amounts write for special prices.



Bliss Triumph

## Bliss Triumph

A pink-skinned variety of extraordinary quality. Not the largest yielder, but it is the earliest potato we know of. The potatoes are of good size and of excellent quality. Under desert conditions, where moisture is not plentiful and a quick crop is necessary, the Triumph is very satisfactory. 10 lbs., \$1.00; 25 lbs., \$2.00. Ask for quantity price.

## Seed Sweet Potatoes and Plants

WRITE US FOR PRICES

Semesan Bel for Disinfecting  
Seed Potatoes

For each 2½ gals. of water in the treating tub, have ready one pound of Semesan Bel. Sprinkle enough Semesan Bel into the water to cover its surface and stir it constantly until the disinfectant forms a white mush-like mixture or dip. Keep stirring and adding the Semesan Bel little by little until the required quantity is mixed into the water. The Semesan Bel mixture is then ready for the dipping of the potatoes.

## Radish—Rabano

**CULTURE**—Radishes may be sown any month in the year in any good garden soil. One ounce of seed will sow about 100 feet of drill, or a bed of 40 square feet.

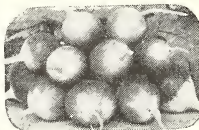
By planting a small turnip variety and a long one at the same time a continuation may be had with fewer plantings. Sow in drills ten inches apart. An ounce of seed will plant 100 feet of drill, 10 pounds to the acre.

**EARLY SCARLET GLOBE**—Similar to the Scarlet Turnip, except that it is larger. Pkt., 5c; oz., 20c; ¼ lb., 30c; 1 lb., 90c, postpaid.

**EARLY SCARLET TURNIP**

—One of the earliest and best sorts for forcing; its color is very handsome; flavor very mild, crisp and juicy; stands a great amount of heat without becoming pithy. Pkt., 5c; oz., 20c; ¼ lb., 30c; 1 lb., 90c, postpaid.

**EARLY LONG SCARLET**—Very brittle and crisp; color a bright scarlet; small top. Pkt., 5c; oz., 20c; ¼ lb., 30c; 1 lb., 90c, postpaid.



Early Scarlet Turnip

BUY THE BEST—WE DO

**CHINA ROSE**—A delicious radish, crisp, with little tendency to become pithy. A beautiful coloring from light red at the top to almost pure white at the tip. It is a good seller and is in great demand by the vegetable peddlers. Pkt., 5c; oz., 20c; ¼ lb., 30c; 1 lb., 90c, postpaid.

**CALIFORNIA MAMMOTH**—Pure white; the flesh is tender, sweet and crisp, keeps well. Plant from September 1 to January. Pkt., 5c; oz., 20c; ¼ lb., 30c; 1 lb., 90c, postpaid.

**MIXED RADISH**—This mixture, consisting of almost every known variety of radish, is deservedly popular throughout the country because it grows radishes suitable to each season and to every condition of soil. You are sure to have them early, medium and late; small, medium and large—something all the time. Pkt., 5c; oz., 20c; ¼ lb., 30c; 1 lb., 90c, postpaid.

## LONG WHITE ICICLE RADISH

**WHITE TIPPED SCARLET TURNIP**—An early variety of medium size and excellent flavor, and of a very handsome appearance. Pkt., 5c; oz., 20c; ¼ lb., 30c; 1 lb., 90c, postpaid.

**LONG WHITE ICICLE**—For the home garden we consider this a most excellent table variety. Its extreme earliness, beautiful pure white appearance, excellent flavor and crispness should make it a favorite everywhere. Pkt., 5c; oz., 20c; ¼ lb., 30c; 1 lb., 90c, postpaid.

**EPICURE RADISH**—Ready for the table within three weeks; always crisp, a delightful relish. The small round red and white radishes make a pretty showing. Pkt., 5c; oz., 20c; ¼ lb., 30c; 1 lb., 90c, postpaid.

White Icicle

**CRIMSON GIANT**—A variety combining earliness and great size. It grows much larger than other extra early varieties, but does not become pithy, even when twice as large in diameter and a week older. We recommend it highly. Pkt., 5c; oz., 20c; ¼ lb., 30c; 1 lb., 90c, postpaid.

Crimson Giant

**FRENCH BREAKFAST**—A splendid variety, medium sized, olive-shaped, very crisp and tender; of a beautiful scarlet color. Pkt., 5c; oz., 20c; ¼ lb., 30c; 1 lb., 90c, postpaid.

**CHARTIERS**—A distinct, exceedingly handsome and attractive sort; color white at the tip. Attains a large size before it becomes unfit for the table. Pkt., 5c; oz., 20c; ¼ lb., 30c; 1 lb., 90c, postpaid.

**JAPANESE WINTER RADISH**—This was introduced in the same manner as the Japanese Summer Radish, which it resembles except in size. It is more crisp and of better flavor in the Winter season. It is pure white, grows about eight inches long and as not tapering as the larger one. Pkt., 10c; oz., 25c; ¼ lb., 70c; 1 lb., \$2.00, postpaid.

**ROUND BLACK SPINACH**—Sicilian black, flesh white, of firm texture. Pkt., 5c; oz., 20c; ¼ lb., 30c; 1 lb., 90c, postpaid.

## Rhubarb—Ruibarbo

Pie Plant

In the higher altitudes sow the seed any time from March 1 to July 1, in drills two feet apart. Transplant at any time when the roots are large enough.

**CRIMSON WINTER**—Price: Pkt., 10c; oz., \$1.50; ¼ lb., \$4.50, postpaid.

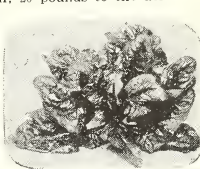
## Spinach—Espinaca

Use more Spinach—It is full of Vitamins.

Should be planted in drills 12 to 18 inches apart, and for a succession every two weeks; as it grows, thin out or use, keeping clean of weeds. Sow from September 1 to April; one ounce of seed to 100 feet of drill; 20 pounds to the acre.

**PRICKLY SEEDED WINTER OR THICK LEAF**—Broad leaf; a splendid Fall or Winter variety, thriving in the coldest weather. It is the leading sort for market gardeners in the Salt River Valley. Pkt., 5c; ¼ lb., 15c; 1 lb., 40c, postpaid.

**NEW ZEALAND**—For greens in the Summer and Autumn this variety is making a fine record in the Salt River Valley. We have several reports of its having grown through the entire Summer, maintaining a rich green color until the top growth is killed by frost. Roots allowed to stand until Spring will give new growth. Pkt., 10c; oz., 20c; ¼ lb., 40c; 1 lb., \$1.25, postpaid.



Thick Leaf

CATALOG—WE WILL GLADLY MAIL IT



**BLOOMSDALE**—A valuable variety which is being more extensively grown each year. Upright in growth, producing a cluster of large thick leaves. Several crates were shipped East with lettuce the past season, and it brought top-notch prices. We recommend it highly. Pkt., 5c; ¼ lb., 20c; ½ lb., 50c, postpaid. Ask for quantity prices on Spinach.

## Salsify—Salsify Blanco

Vegetable Oyster

Sow the seed in February and March in drills one foot apart and one inch deep, thinning out plants to four inches. One ounce of seed will plant 50 feet of drill.

**MAMMOTH SANDWICH ISLAND**—A large and superior variety, mild and delicious flavored. Pkt., 10c; oz., 25c; ¼ lb., 85c; ½ lb., \$2.50, postpaid.

## Squash—Calabaza

**CULTURE**—The squash is very tender; it is destroyed by frost, and the seed is apt to fall in cold ground, therefore should not be planted until all danger of frost is past. Plant in hills five feet apart for bush varieties, and six to eight feet apart for vining varieties, putting six to eight seeds in a hill. When plants are strong, thin to three in a hill. Of the bush varieties, one ounce will plant 40 hills, and of the larger seeded sorts, about 15 hills. Two to three pounds to the acre.

**BANANA**—This Squash grows from one to two feet in length. Flesh firm and solid, of beautiful orange-yellow and excellent quality. It keeps from one season until another. When quite young it is excellent to cook as a marrow. Pkt., 10c; oz., 20c; ¼ lb., 45c; ½ lb., \$1.50, postpaid.

**GOLDEN HUBBARD**—Similar to the Green Hubbard except in color, which is a deep orange. Flesh deep golden yellow, fine grained; cooks dry and is of excellent flavor. Pkt., 10c; oz., 20c; ¼ lb., 50c; ½ lb., \$1.50, postpaid.

**FORD HOOK**—One of the best late Summer varieties. Will keep well for months if stored in a cool, dry place. Thick skin of a bright yellow color; heavy meat that can be used at any stage of growth; fruits oblong in form, 8 to 10 inches in length; slightly ridged. Pkt., 10c; oz., 20c; ¼ lb., 50c; ½ lb., \$1.50, postpaid.

**MAMMOTH SUMMER CROCKNECK**—A small, crook-necked Summer squash; skin bright yellow, covered with warty excrescences. Very early, productive and of excellent flavor. Pkt., 10c; oz., 20c; ¼ lb., 50c; ½ lb., \$1.50, postpaid.

**MAMMOTH CHILI**—Grows to immense size, often weighing over 200 lbs.; very productive. Pkt., 10c; oz., 20c; ¼ lb., 50c; ½ lb., \$1.50, postpaid.

**PIKE'S PEAK**—An old variety that deserves all the good things that are said about it. It is preferred to any other by those who know it. Good keeper and excellent for pies. Pkt., 10c; oz., 20c; ¼ lb., 50c; ½ lb., \$1.50, postpaid.

## Early White Bush Scalloped

The most popular squash because of its earliness and productiveness; skin and flesh a light cream color. A general favorite. Pkt., 10c; oz., 20c; ¼ lb., 45c; ½ lb., \$1.25, postpaid.

## Improved Hubbard

**IMPROVED HUBBARD**—Best Winter variety, vigorous and productive. Fruit large, weighty, moderately warted, hard-shell, color dark bronze green. Fine grained, thick, dry, richly flavored, orange yellow flesh. Baked it is similar to and as luscious as a sweet potato. Pkt., 10c; oz., 20c; ¼ lb., 40c; ½ lb., \$1.10, postpaid.

## Italian or Zucchini Squash

**ITALIAN or ZUCCHINI SQUASH**—Is a bush variety and should be planted five feet apart. It should be used when quite young. When stewed it has a rich, creamy flavor not equalled by another squash. Some gardeners have made considerable money making a specialty of it. For the family garden we would recommend its use instead of the small white bush scab, because of the excellent flavor and it is much more prolific. Try a packet or an ounce and be convinced of the delicious flavor. Pkt., 10c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.75, postpaid.

## Tomatoes—Tamata

**CULTURE**—Tomatoes do best on light, warm, not over-rich soil, and success depends upon securing a rapid, vigorous and unchecked growth during the early part of the season. Sow in hot beds from 6 to 8 weeks before they can be set out of doors, which is when danger from frost is past.

Transplant three to six feet apart in rows four to six feet apart, according to variety—three feet for those varieties of upright growth, as the Dwarf Champion, and six feet is not too far apart for vining varieties which will soon cover the ground solidly. The soil should be plowed and pulverized to a depth of 10 or 12 inches, the deeper the better, in order that the roots may keep in the cool earth, for as soon as the roots are heated by the hot, dry soil near the surface, the plant quickly sickens and dies, and the grower can see no cause for it. We recommend the Earliana for an early market tomato. One ounce of seed should produce 2,000 plants.

## Phoenix Special Tomato

This grand Tomato was introduced into the Salt River Valley several years ago, and has constantly grown in popularity until it is today one of the tried and true varieties in most every market garden. The color is a bright purple scarlet, almost globular in shape, slightly flattened at stem and blossom ends. It is very productive and quite early, producing large fruits which are protected from the sun by the ample foliage, thus diminishing the loss of so many fruits from sun scalding. Pkt., 10c; oz., 60c; ¼ lb., \$2.00; ½ lb., \$6.00, postpaid.

## Arizona Extra Early Tomato



Arizona Extra Early

In listing this wonderful Tomato we are introducing what we believe will be one of the earliest tomatoes on the market. Aside from the fact that it is an extra early tomato, it is far superior to many of the early varieties in color, size, shape and sturdiness. Market gardeners who are looking for something of good even size and a heavy bearer, should not overlook this wonderful tomato. As a home garden variety it cannot be equalled. Pkt., 10c; oz., 50c; ¼ lb., \$1.65; ½ lb., \$5.00, postpaid.

## Morse's Special Early, No. 498

A Solid Red Tomato

Without a question this is the best extra early tomato ever offered for home garden, market garden or shipping. Unlike most early strains the foliage grows well to the center of the plants, protecting the fruit from sunburn. The fruit is deep red, very smooth, and almost globular. Flesh very firm, free from core and contains very few seeds. Size and shape just right for packing and the tough skin makes it carry well and peel easily. Pkt., 10c; oz., \$1.25; ¼ lb., \$3.50; ½ lb., \$10.00, postpaid.

**DWARF CHAMPION**—Commonly called the Tree Tomato. Quite early, fruits medium large; color purplish pink and always round and smooth. Pkt., 10c; oz., 50c; ¼ lb., \$1.65; ½ lb., \$5.00, postpaid.

**PONDEROSA or BEEFSTEAK**—A very large, purple tomato with few seeds and of excellent flavor. Our strain is round and smooth—not the usual oblong wrinkled kind. It is a favorite for the home garden, for which purpose we have on hand from March 1 until June extra fine, large, strong transplanted plants. Pkt., 10c; oz., 70c; ¼ lb., \$2.25; ½ lb., \$7.00, postpaid.

**EARLIANA**—A very popular extra early red, of compact growth and the fruit is solid and of fine quality. Pkt., 10c; oz., 50c; ¼ lb., \$1.65; ½ lb., \$5.00, postpaid.

**JUNE PINK**—The most popular extra early tomato grown in the South and East. It is very prolific. Pkt., 10c; oz., 40c; ¼ lb., \$1.35; ½ lb., \$4.00, postpaid.

**LIVINGSTON'S BEAUTY**—A large purple scarlet tomato, producing fruits in clusters of 4 to 6, is large, of perfect shape and retains its size until late in the season. It ripens early, has firm flesh, of excellent quality, and the seed cells are very small. For shipping it may be picked quite green; will ripen up nicely and keep in perfect condition for a week after becoming fully ripe. Pkt., 10c; oz., 60c; ¼ lb., \$2.00; ½ lb., \$6.00, postpaid.

**MORSE'S NEW STONE**—The largest, bright red, perfectly smooth, highest yielding, best keeping, finest flavor, main crop variety. Growers everywhere recognize the merit of the New Stone. It is now 25 years since it was introduced, and it is still growing in favor. Skin is bright scarlet, perfectly smooth and tough enough to stand shipment. Pkt., 10c; oz., 60c; ¼ lb., \$2.00; ½ lb., \$6.00, postpaid.

USE CALCIUM CYANIDE FOR KILLING ANTS

BUY THE BEST—WE DO





Livingston's Beauty

**SELECT ACME**—One of the best early purple fruited tomatoes. It is a very prolific sort. Fruits are produced in clusters of four to five; are of medium size and free from cracks. They are solid, and will stand long distance shipping. The quality is fine. Pkt., 10c; oz., 45c; ¼ lb., \$1.25; lb., \$4.50, postpaid.

**CHALK'S EARLY JEWEL**—A bright scarlet tomato, thick flesh, solid, of medium size, and very fine flavor. One of the best cropping medium early varieties. Pkt., 10c; oz., 40c; ¼ lb., \$1.35; lb., \$4.00, postpaid.

**DWARF STONE**—The fruits are larger than those of the Dwarf Champion, and nearly as large as the original Stone. It is very prolific, smooth, and ripens early. The color is bright red. On account of its erect habit of growth plants may be set as close as 18x24 inches. Pkt., 10c; oz., 50c; ¼ lb., \$1.65; lb., \$5.00, postpaid.

### Small Fruited Tomatoes

Excellent for Preserves

**HUSK TOMATO**—Plants of low spreading growth and immensely productive. The small fruits are each enclosed in husks. They are highly esteemed for preserves or pies. Pkt., 10c; oz., 75c, postpaid.

**RED CHERRY**—Small fruits of bright scarlet, borne in clusters. They are very productive and of fine quality. Pkt., 10c; oz., 75c, postpaid.

**YELLOW PEAR**—This is a leading favorite for preserves. The fruit is bright yellow and pear-shaped. The flavor is rich and distinct. Pkt., 10c; oz., 75c, postpaid.

**YELLOW PLUM**—Yellow, plum shape, average one inch in diameter, excellent flavor. Pkt., 10c; oz., 75c, postpaid.

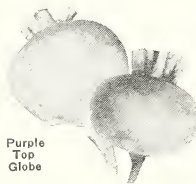
### Turnips—Nabo

**CULTURE**—Sow from September 1 to March 1, broadcast if in loose loamy soil, otherwise in drills ten inches apart and cultivate. One ounce of seed will plant 75 feet of row, or three pounds will broadcast an acre.

**RUTABAGA, PURPLE TOP, YELLOW**—The best variety of Rutabaga in cultivation; hardy and productive; flesh yellow and well flavored; shape slightly oblong; color deep purple above and bright yellow under the ground. Pkt., 5c; oz., 20c; ¼ lb., 35c; lb., \$1.00, postpaid.

**PURPLE TOP GLOBE**—This is one of the handsomest and most salable turnips. Very desirable for either home or market gardens. It is large, globular shaped; flesh pure white; crisp and tender. On account of its shape it will outyield any other crop and is always a sure cropper. Pkt., 5c; oz., 20c; ¼ lb., 35c; lb., \$1.00, postpaid.

**WHITE EGG**—Of very rapid growth; solid, firm, fine-grained flesh of sweet, mild flavor. It grows to a good size, and is excellent, early or late. Pkt., 5c; oz., 20c; ¼ lb., 35c; lb., \$1.00, postpaid.



Purple Top Globe

BUY THE BEST—WE DO

**EARLY WHITE FLAT DUTCH**—A most excellent early garden variety. Medium-sized, flat; color white, very early; sweet and tender. It is desirable for table use when small. Pkt., 5c; oz., 20c; ¼ lb., 35c; lb., \$1.00, postpaid.

**GOLDEN BALL**—Rich, sweet, yellow flesh; of quick growth and keeps well. Pkt., 5c; oz., 20c; ¼ lb., 35c; lb., \$1.00, postpaid.

**PURPLE TOP STRAP LEAVED**—More generally planted than any other variety. It is a quick grower; the flesh is very fine grained and sweet flavored. Pkt., 5c; oz., 20c; ¼ lb., 35c; lb., \$1.00, postpaid.

**SNOWBALL**—Medium size, round turnip; pure white, very fine flavor. Pkt., 5c; ¼ lb., 35c; lb., \$1.00, postpaid.

## Vegetable Plants and Roots

Owing to the expense of packing small plants for shipment by mail or express, we must request that your order for plants amount to not less than one dollar.

On account of the perishable nature of plants, subject to delay in transit and quarantine regulations, we prefer to deliver all plants at the counter in our store, but when necessary to send via mail or express, it must be understood that we do so at the buyer's risk.

### Asparagus Roots

Why not have an Asparagus Bed?

The arid Southwest is admirably adapted to the growing of asparagus. Every back-yard garden should have a small bed of it. It is no trouble to grow and it's mighty fine eating in the Spring of the year. Set plants in rows two feet apart and about ten inches apart in the rows, or about 100 plants to 10x20 ft. 2-year-old plants are planted, tips may be cut the second year. Set the plants early in trenches 8 or 10 inches deep and fertilize well. In the Fall, after frost, cut the dead tops and mulch heavily. Roots in stock from January to June. Price: 2-year-olds per doz., 35c; per 100, \$2.50, postpaid. Write for quantity prices.

**CABBAGE PLANTS**—We have early and late varieties of cabbage plants from September 15 to June 1. Prices here are postpaid. Doz., 25c; 100, \$1.00. Write for quantity prices.



Early Jersey Wakefield

**CAULIFLOWER PLANTS**—Our cauliflower plants are grown from our best acclimated seed. We have them from about October 1 to April 15. Doz., 35c; 100, \$1.25, postpaid.

**EGG PLANT**—We have these only during the Spring, about March 15, to June 1. On receipt of plants they should be put in water and revived before transplanting. Doz., 35c; 100, \$1.50, postpaid.

**PEPPER PLANTS**—Chinese Giant, Anaheim Chilli and Pimiento ready about March. Doz., 35c; 100, \$1.50, postpaid.

**SWEET POTATO PLANTS**—These are ready usually about April 1 and we have them until June 15. In ordering more than 100, it is best to have them sent by express. Doz., 25c; 100, \$1.00, postpaid. Please write for prices on larger quantities.

**TOMATO PLANTS**—Our stock of tomato plants is grown from our acclimated seed and they are good producers. We have early and late varieties, but recommend our Phoenix Special. Doz., 25c; 100, \$1.00, postpaid. Write for quantity prices.

**RHUBARB ROOTS**—Crimson Winter—A very large growing sort and of excellent quality. Two-year-old roots, 20c each, \$2.00 per dozen, postpaid.

Write for Plants in  
Large Quantities

USE NICO DUST FOR PLANT LICE

## Our Vegetable Collections Save You Money!

You may wonder why we offer seeds in these collections at bargain prices. The first reason is that it encourages the use of a greater number of kinds of vegetables and promotes the use of a greater variety of vegetables in the gardens and on the table. Another reason is that during the winter months we have more time to assemble these collections and prepare them for mailing, so all that is necessary during our rush season is the addressing and stamping.

All varieties in these collections are tried and proven sorts and all packets are full size and contain the highest quality seed, the same as those you were buying each item separately. We can not allow any change in the collections and no seeds other than these collections will be sold at these reduced prices.

### Garden Collection No. 1—50c

VALUE, \$1.00—For 50c, Postpaid

#### No. 1—50c

1 pkt. Beans—Improved Stringless Green Pod	10c
1 " Beets—Improved Early Blood Turnip	5c
1 " Carrot—Improved Chantenay	5c
1 " Cucumber—Arizona Davis Perfect	10c
1 " Lettuce—Arizona Wonderful	10c
1 " Watermelon—Select Kleckley Sweet	5c
1 " Cantaloupe—Improved Eden Gem	10c
1 " Onion—White Bermuda	10c
1 " Parsley—Moss Curled	10c
1 " Radish—Early White Icicle	5c
1 " Squash—Early White Bush	10c
1 " Spinach—Prickly Winter	5c
1 " Turnip—Purple Top Strap Leaf	5c

\$1.00

SPECIFY COLLECTION No. 1

### Garden Collection No. 2—\$1.00

\$1.60 VALUE FOR \$1.00, Postpaid

#### No. 2—\$1.00

#### No. 2—\$1.00

1 pkt. Beans—Improved Stringless Green Pod	10c
1 " Beets—Improved Early Blood Turnip	5c
1 " Cabbage—Copenhagen Market	10c
1 " Carrot—Improved Chantenay	5c
1 " Cucumber—Arizona Davis Perfect	10c
1 " Lettuce—Arizona Wonderful	10c
1 " Watermelon—Kleckley's Sweet	5c
1 " Cantaloupe—Improved Eden Gem	10c
1 " Onion—White Bermuda	10c
1 " Parsley—Triple Curled	10c
1 " Pepper—Chinese Giant	10c
1 " Pepper—Anaheim Chili	10c
1 " Pumpkin—Small Sugar	5c
1 " Radish—Long White Icicle	5c
1 " Radish—Early Scarlet Turnip	5c
1 " Squash—Early White Bush	5c
1 " Tomato—Phoenix Special	10c
1 " Turnip—Purple Top Strap Leaf	5c
1 oz. Rutabaga—Purple Top Yellow	5c
1 oz. Spinach—Prickly Winter	15c

\$1.60

SPECIFY COLLECTION No. 2

### \$2.00 Garden Collection

\$3.50 VALUE FOR \$2.00, Postpaid

#### No. 3—\$2.00

#### No. 3—\$2.00

1/4 lb. Beans—Improved Stringless Green Pod	20c
1/4 lb. Beans—Kentucky Wonder Pole (pole)	20c
1 oz. Beets—Early Blood Turnip	20c
1 pkt. Cabbage—Copenhagen Market	10c
1 oz. Carrot—Improved Chantenay	20c
1/4 lb. Corn—Golden Bantam	20c
1 pkt. Cucumber—Arizona Select Davis Perfect	10c
1 " Mustard—Southern Curled	5c
1 " Egg Plant—New York Improved	10c
1 " Lettuce—Arizona Wonderful	10c
1 oz. Watermelon—Kleckley's Sweet	20c
1 pkt. Cantaloupe—Improved Eden Gem	10c
1 " Casaba—Golden Beauty	10c
1 " Onion—White Bermuda	10c
1 " Parsley—Moss Curled	10c
1 " Pepper—Chinese Giant	10c
1 " Pepper—Anaheim Chili	10c
1/4 lb. Peas—Blue Bantam	20c
1 pkt. Pumpkin—Small Sugar	5c
1 oz. Radish—Long White Icicle	20c
1 " Radish—Early Scarlet Turnip	20c

BUY THE BEST—WE DO

1 pkt. Squash—Early White Bush	5c
1 " Squash—Improved Green Hubbard	5c
1 " Tomato—Phoenix Special	10c
1 oz. Turnip—Purple Top White Globe	20c
1 pkt. Rutabaga—Purple Top Yellow	5c
1 oz. Spinach—Prickly Winter	15c

\$3.50

SPECIFY COLLECTION No. 3

## Bargain Flower Seed Collections

NOTHING ADDS MORE TO THE HOME THAN BEAUTIFUL FLOWERS—PLANT MORE FLOWER SEEDS

### Flower Seed Collection No. 7—50c

12 Full Size Packets Specify Collection No. 7  
FULL VALUE—\$1.20 for 50c

1 pkt. Sweet Alyssum	10c
1 " Calendula	10c
1 " Candytuft	10c
1 " Cosmos	10c
1 " African Daisy	10c
1 " Scarlet Flax	10c
1 " Larkspur	10c
1 " African Marigold	10c
1 " Morning Glory	10c
1 " Double Poppy	10c
1 " Nasturtium	10c
1 " Verbena Mixed	10c

\$1.20

### Flower Seed Collection No. 8—\$1.00

25 Full Size Packets Specify Collection No. 8  
FULL VALUE—\$2.35 for \$1.00

1 pkt. Sweet Alyssum	10c
1 " Antirrhinum (Snapdragon)	10c
1 " Calendula	10c
1 " California Poppy	10c
1 " Calliopis	10c
1 " Candytuft (Mixed)	10c
1 " Bachelor Button	10c
1 " Coreopsis	10c
1 " Cosmos	10c
1 " Dianthus (Pinks)	10c
1 " Japanese Morning Glory	10c
1 " African Daisy	10c
1 " Galliardia	10c
1 " Gypsophila	10c
1 " Mexican Fire Bush	10c
1 " Larkspur	10c
1 " African Marigold	10c
1 " Good Mixed Fancies	10c
1 " Petunia, Mixed	10c
1 " Double Poppy	10c
1 " Verbena Mixed (Mammoth)	10c
1 " Tall Nasturtium	10c
1 " Dwarf Nasturtium	10c

\$2.35

### Zinnia Collection No. 9

SIX 15c PKTS. DOUBLE GIANT ZINNIAS

Full Value 90c for 50c

SPECIFY COLLECTION No. 9

Double Giant Burt Orange	15c
" " Golden Yellow	15c
" " Pink Shades	15c
" " Scarlet	15c
" " White	15c
" " Lavender	15c

\$1.90

### Zinnia Collection No. 10

5 Special Packets of Our Wonderful Zinnias

Full Value \$1.15 for 75c, Postpaid

SPECIFY COLLECTION No. 10

1 Special Pkt. Giant Double Dahlia Flowered	15c
1 " " Zinnia—Picotee Mixed	25c
1 " " Zinnia—Giant Buttercups	25c
1 " " Zinnia—Victory Queen	25c
1 " " Zinnia—Double Giants Mixed	25c

\$1.15

PLANT MORE ZINNIAS—No flower can surpass them for beauty and hardiness during the hot summer months when flowers are scarce.

USE GROMORE FERTILIZER

**Zinnia Collection No. 11**

10 Special Packets of Our Wonderful Zinnias

Full Value \$1.80 for \$1.00, Postpaid

**SPECIFY COLLECTION NO. 11**

1 Special Pkt.	Giant Double Dahlia Flowered	15c
1 "	" Zinnia—Pleasant Mixed	25c
1 "	" Zinnia—Giant Buttercups	25c
1 "	" Zinnia—Victory Quilled	25c
Double Giant	Burnt Orange	15c
"	" Golden Yellow	15c
"	" Pink Shades	15c
"	" White	15c
"	" Scarlet	15c
"	" Lavender	15c

\$1.80

**Vine Collection No. 12**

PLANT MORE VINE SEEDS FOR SUMMER SHADE

12 Pkts.—A Full collection of the Best Vine Seeds

**SPECIFY COLLECTION NO. 12**

Value \$1.35 for 75c

Australian Pea Vine	10c
Balloon Vine	10c
Balsam Apple	10c

Scarlet Runner Beans	10c
Canary Bird Flower	10c
Cardinal Climber	25c
Cypress Vine	10c
Hyacinth Bean	10c
Japanese Hop	10c
Kudzu Vine	15c
Moon Vine	10c
Morning Glory	10c

\$1.40

**Antigonon leptopus**

Plant in January, February and March—Order Early

A Beautiful Permanent Vine, Bearing Lovely Shell Pink Blossoms

**ANTIGONON LEPTOPUS (Queen's Wreath)** — Admirably adapted to our climate in the Salt River Valley. Grows an immense vine early, kills down by frost, and grows the following spring from the roots. They are being planted quite extensively in the Valley and excite no end of comment during September and October, when they are covered with a mass of beautiful pink blossoms. Medium size tubers, per clump, 50c; large tubers, per clump, 75c.

**Classification of Flower Seeds for Special Purposes**

This chart is intended to aid you in the selection of your seeds that you may have flowers all the year round, and for every purpose. For months in which to plant see back cover page.

**Flowering Annuals, Also Some Perennials****Which Flower First Season From Seed**

Varieties Marked \* Are Best for Beds and Masses

Acroclonium	Eschscholtzia	Nicotiana
*African Daisy	*Gaillardia	Nigella
*Ageratum	*Godefia	*Pansy
*Alyssum	Gomphrena	*Petunia
*Antirrhinum	Gypsophila	*Phlox
*Asters	Helichrysum	*Poppy
*Balsam	Helichry (Annual)	*Portulaca
Bellis	Ice Plant	Rhodanthe
Brachycome	Kochia	Salpiglossis
*Calendula	*Larkspur	*Salvia
*Calliopis	Lavatera	Scabiosa
*Candytuft	Linum	Schizanthus
*Carnation	Lobelia	*Stocks
*Celosia	Lupinus	Sunflower
Centaurea	Marigold	Sweet Peas
Chrysanthemum	Marvel of Peru	*Verbena
Clarkia	Mignonette	Vinca Rosea
Cosmos	Myosotis	*Viola Cornuta
Dahlia	Nasturtium	Wallflower (Annual)
*Dianthus	Nemesia	*Zinnia
*Dimorphothea	Nemophila	

**Cut Flowers**

Acroclonium	Coreopsis	Mignonette
Antirrhinum	Cosmos	Poppies
Aquilegia	Dahlia	Pyrethrum
Asters	Daisies	Salpiglossis
Candytuft	Delphinium	Salvia
Carnation	Dianthus	Scabiosa
Calendula	Gaillardia	Schizanthus
Calliopis	Gerbera	Statice
Celosia	Gypsophila	Stocks
Centaurea	Larkspur	Sunflower
Chrysanthemum	Lupinus	Sweet Peas
	Marigold	Zinnias

**Ornamental and Foliage Plants**

Amaranthus	Centaurea	Pyrethrum
Canna	Kochia	Ricinus

**Fragrant Flowers**

Alyssum	Heliotrop	Sweet Peas
Centaurea	Mignonette	Sweet William
Carnation	Nicotiana Affinis	Violet
Dianthus	Scabiosa	Wallflower
Freesia	Stocks	

**Everlasting Flowers**

Acroclonium	Gypsophila	Statice
Gomphrena (Globe)	Helichrysum	Xeranthemum
Amaranthus	Rhodanthe	

**For Hanging Baskets, Window Boxes, Etc.**

Drooping	Nasturtium	Upright
Alyssum	Petunia	Geranium
Asparagus Sprengeri	Smilax	Vinca Rosea
Lobelia		Pansy
		Viola

**Backgrounds and Borders**

Dwarf Border Plants		
Alyssum	Carnation (Border)	Pinks (Hardy)
Anemone	Daisy, Double	Polyanthus
Candytuft (Hardy)	Pansy	Sweet William
	Viola	Violet
Tall Sorts for Backgrounds		
Amaranthus	Cosmos	Marigolds (African)
Canna	Dahlia	Ricinus
Celosia Plumosa	Lupinus	Sunflower

**Climbing Vines**

Annual	Kudzu Vine	Asparagus
Balloon Vine	Morning Glory	Australian Pea Vine
Balsam Apple	Nasturtium	Cobaea Scandens
Canary Bird Vine	Scarlet Runner	Moon Vine
Cardinal Climber	Sweet Peas	Passiflora
Cypress Vine	Wild Cucumber	Smilax
Japanese Hop	Perennial	Maderia Vine
Hyacinth Bean	Antigonon	(Bulbs)

**Partly Shady Places**

Anemone	Delphinium	Pansy
Antirrhinum	Scarlet Flax	Primula
Aquilegia	Foxglove	Viola
Bellis	Godefia	Violets
Daisy	Myosotis	Ferns
Clarkia		

BUY THE BEST—WE DO

PLANT A LAWN



Beautify the Home

# FLOWER SEED DEPARTMENT

Increase <sup>Value</sup> of Property

Most plants can be divided into two classes, Annuals and Perennials. Annuals are one-year plants. The seed is sown; the plants bloom, produce seed and die the same year. Many of our prettiest garden flowers are annuals. They are inexpensive, give a wealth of bloom, are admirable for the rented house garden, and are adapted to most soils and climates.

Annual plants which have a suitable habit of growth and adequate foliage may be made to do duty about the house and on the grounds in the place of shrubs and perennials.

There are no more satisfactory flowers than those grown from seed, especially the easily grown and brilliant colored annuals, but they require care and proper soil preparation, for flower seeds are delicate. Soil that will bake and crust

## A Few Cultural Suggestions

should have a liberal mixture of well-rotted manure and sand. In adobe soil a few pounds of air-slacked lime will assist in forming seeds of hardy annuals. In sowing seeds of hardy annuals, plant all medium sized seeds at a depth of  $\frac{1}{4}$  to  $\frac{1}{2}$  inch. Sweet Peas should go deeper. Very fine seeds should be pressed into the soil and a little sand or fine, well-rotted manure sprinkled over the surface. Water more frequently if the seed is close to the surface, and if necessary protect with cheesecloth until the seed germinates. When up, the plants should be thinned from 2 to 12 inches, depending on the variety; otherwise they will be weak and spindling. It is a great mistake to leave plants too thick; give them room to develop, allow plenty of moisture and the display that can be produced from seed will surprise and delight the grower.



**PERENNIALS** are those that endure our winters with little or no protection, depending upon the variety and location. A large majority of the Perennials will bloom the first year from seed, especially if sown early, or they can be sown in August or September. They will bloom the following year and will sometimes live indefinitely.



**Sweet Alyssum**—Used as a Border throughout the Fall, Winter and Spring months. Little Gem—Grows 4 to 6 inches high. One of the finest for low beds and borders. Pkt. 10c;  $\frac{1}{4}$  oz. 25c; 1 oz. 50c.  
Lilac Queen—A delicate lilac (dwarf). Pkt. 10c;  $\frac{1}{4}$  oz. 25c; 1 oz. 50c.  
Saxatile Yellow—A perennial variety of pleasing color. Height 1 ft. Pkt. 10c;  $\frac{1}{4}$  oz. 25c; 1 oz. 50c.

### Amaranthus-Caudatus

(Love Lies Bleeding)  
Light yellowish-green, foliage long; drooping crimson flower spikes; grows three to four feet high. (Pkt. 10c.)

### Antigonon (Mountain Rose)

Perennial.

### Acerolinum

(Everlasting Straw Flower). Annual. Hardy annual everlasting flowers, white and self pink with golden centers. Should be cut the first day they open. Double, mixed colors, Pkt., 10c.

### Ageratum

Floss Flower)

A hardy annual of easy culture, used for bed or borders. Blue Perfection. (Pkt. 10c.)

### Alyssum

(Mad-Wort)

Hardy

Annual.

Without

a doubt,

the best

border

plant to

be had.

Very

hardy and

blooms

throughout the

Fall, Winter and

Spring months.

Little Gem—Grows 4 to 6 inches high. One of the finest for low beds and borders. Pkt. 10c;  $\frac{1}{4}$  oz. 25c; 1 oz. 50c.

Lilac Queen—A delicate lilac (dwarf). Pkt. 10c;  $\frac{1}{4}$  oz. 25c; 1 oz. 50c.

Saxatile Yellow—A perennial variety of pleasing color. Height 1 ft. Pkt. 10c;  $\frac{1}{4}$  oz. 25c; 1 oz. 50c.

### Antirrhinum (Snapdragon)

Thrive in most any soil and do beautifully in Southern Arizona. Plant in the open where they are to remain. Mixed colors. (Pkt. 10c; Oz. \$1.50.)

### Aquilegia (See Columbine)

### Australian Pea Vine (Dolichos Ligiosis)

A rapid growing evergreen, climbing perennial; flowering freely in large clusters of rose flowers. For covering arbors, etc., they are excellent. Pkt. 10c.

### ASTERS—Hardy Annual

Asters are one of the most important Summer and Autumn flowers that grow. For early flowering, seed should be planted in hotbeds in January and December, then transplanted as soon as danger from frost is over. Asters are better suited to the higher altitudes of Arizona.

### AMERICAN BEAUTY

—EARLY FLOWERING

—This newest type has

been developed from

the late flowering

American Beauty

and has all of

its characteristics

except that it is

much earlier in

flowering. This

makes possible a

long flowering

season for this

splendid variety.

We have the fol-

lowing list of col-

ors: Blue, Lavender

Crimson, Pink,

White and Mixed colors.

Pkt. 15c;  $\frac{1}{4}$  oz. 40c.

MIXED — We consider

this the finest and larg-

est of all Comet Asters,

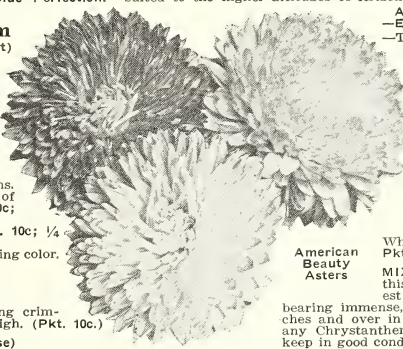
bearing immense, fluffy flowers 5 in-

ches and over in diameter, as fine as

any Chrystanthemum and, when cut,

keep in good condition longer than any

other of this type; 2 to 3 ft. Pkt. 10c.



American  
Beauty  
Asters

BUY THE BEST—WE DO

SEE OUR BOOK SECTION

**Anemone**

(Windflower)

**GIANT FRENCH SINGLE MIXED**—This lovely flower may be grown from seeds as well as bulbs. Our seed has been saved from an extra fine strain and contains a very choice mixture of colors. The seeds may be sown in the fall or spring in the open ground. We suggest that the seed be covered lightly with sand, then spread a thin cloth over the bed and water through this. Pkt., 10c.

**Brownallia**

(Elatia)

Annual. Blooms profusely. Excellent plant for bedding or porch boxes. Flowers are bright blue and pure white. Pkt., 10c; ¼ oz., 35c.

**Bachelor's Button or Corn Flower**

(See Centaurea)

**Blue Lace Flower**

(See Didiscus Coeruleus)

**Balloon Vine**

A climbing annual. The seed pods are curiously puffed, making the vine quite attractive. Pkt., 10c; oz., 40c.

**Balsam**

(Lady's Slipper)

A tender annual growing about 12 inches high. Flowers are both single and double, in bright colors and variations. Pkt., 10c; oz., 75c.

**Balsam Apple**

(Momordica)

A climbing annual with graceful and ornamental foliage; yellow flowers and warted golden yellow fruits. Pkt., 10c; oz., 75c.

**Bean Scarlet Runner**

A popular climber. Flowers scarlet. Pkt., 10c; oz., 15c.

**California Poppy**

(Golden West)

A hardy annual, growing from 1 to 1½ feet high; sowing the seed in the fall, it blooms beautifully during the Spring. Pure yellow and mixed. Pkt., 10c; oz., 50c.

**Canary Bird Flower**

A tender climbing annual of the Nasturtium family. Blossoms have curiously winged petals and are a light yellow. Pkt., 10c; oz., 75c.

**Calendula**

(Pot Marigold)

A very hardy annual growing about one foot high. Plantings may be made from September 15 to April. Flowers very early and is attractive as a border plant.

**PRINCE OF ORANGE**—A deep orange. Pkt., 10c; oz., 40c.

**ORANGE KING (New)**—Bears giant flowers sometimes 3 inches in diameter. Color pure orange. This is a pure strain of seed used by florists for growing cut flowers under glass. You will find this strain of seed a wonderful improvement over the ordinary Calendula. Try a packet. Pkt., 15c; ¼ oz., 35c; oz., \$1.00.

**"LEMON QUEEN"**—Double, bright sunflower yellow. This variety is equally as Prince of Orange, as the blooms are fully as large. Height, 18 inches. Pkt., 10c; oz., 50c.

**Canna**

(Indian Shot Perennial)

Mixture of the popular varieties, red and yellow flowers. Pkt., 10c.

**Cardinal Climber**

(Quamoclit Hybrid)

Annual. A new climber of great merit, bearing a great mass of small crimson flowers. It grows to a height of 15 to 20 feet. Pkt., 15c.

**BUY THE BEST—WE DO****Calliopsis**

(Tickseed)

If the varieties of Calliopsis were rare and high priced, people would not rave about their beauty, but as they are so cheap and easily grown, they are often passed by unnoticed. The lovely combinations of yellow and brown are not excelled in any other plant and they have an elegance and grace all their own. Pkt., 10c; oz., 50c.

**Castor Beans**

(Ricinus)

Large-leaved varieties for shade; very ornamental. Pkt., 10c; oz., 15c; lb., \$1.50.

**Candytuft**

(Iberis)

A hardy annual growing from six to eight inches high, according to the variety; of easy culture and valuable for bedding or massing. Pure White, Pkt., 10c; Pink, Pkt., 10c; Scarlet, Pkt., 10c; Mixed Colors, Pkt., 10c; oz., 50c.

**Canterbury Bells**

A hardy perennial, blooming the second year from seed. Or the first year if sown early. Grows about three feet high. Mixed colors. Pkt., 10c.

**Centaurea**

Annual. The popular Corn Flower is also known as "Blue Bottle," "Ragged Sailor," "Kaiserblume" and "Bachelor's Button." These are bright flowering plants of the hardiest nature and simplest culture and yet the most attractive and graceful of all old-fashioned flowers.

**CENTAUREA-CYANUS**—Double, deep rose, Pkt., 10c; oz., 40c.

**CENTAUREA-CYANUS**—Double, large, blue. Pkt., 10c; oz., 40c.

**CENTAUREA-CYANUS**—Mixed, blue, purple, white, red, pink, etc. Pkt., 10c; oz., 40c.

**CENTAUREA-IMPERIALIS (Sweet Sultan)**—Deep lavender, red, purple, rose, white and yellow. Pkt., 10c; oz., 30c.

**CENTAUREA-IMPERIALIS**—Mixed colors. Pkt., 10c; ¼ oz., 30c.

**CENTAUREA-VARIETY**—Cultivated for its foliage.

**DUSTY MILLER**—The leaves are a beautiful, velvety, silvery color, almost white. Fine for borders. Pkt., 10c; ¼ oz., 45c.

**Celosia Plumosa**

(Feathered Cockscorns-Annual)

**Plumosa Mixed**—A very fine selection of the popular feathered Celosia containing many pleasing shades of color carrying from pale yellow to the deepest crimson. Pkt., 10c.

**Chinese Woolflower**

(Celosia Childsii-Annual)

Plants grow two to three feet high, the bloom starting early with a central head, round and globular, which often reaches the immense size of two feet in circumference. Scores of branches are thrown out, each bearing a ball of scarlet wool. All these branches support numerous laterals with small heads of bloom mixed with fresh green foliage, so that a plant looks like an immense bouquet splendidly arranged and set in the ground. None of the blooms fade in any way until hit by frost. New Pink, Pkt., 15c; Crimson, Pkt., 15c.

**Carnation**

Cover the seed lightly and protect from the sun until established, then transplant 12 to 18 inches apart, where they are to remain.

**MARGUERITE, Mixed Colors**—This assortment gives a large percentage of fine double flowers. Pkt., 10c; ¼ oz., 50c. White—Pkt., 10c; ¼ oz., 50c.

**Chrysanthemum**

Annual. Do not confuse these annuals with the Winter flowering sorts of the florists. They bloom profusely from early Summer until frost and when grown in large beds or masses, their bright colors make a splendid show. All are fine for cut flowers. Height 1 to 1½ feet.

**Finest Single Mixed—Painted Daisy**—Pkt., 10c; ¼ oz., 50c.

**Finest Double Mixed—Coronarum**—Pkt., 10c; ¼ oz., 50c.

**Paris Daisy—Frutescens**—Pkt., 10c; ¼ oz., 50c.

**USE McQUEEN'S INOCULATOR**



**Clarkia**

A hardy annual of easy culture growing about 18 inches high and bearing bright rose, white and purple flowers in great profusion; single and double mixed. Pkt., 10c.

**Coreopsis**

Perennial. Grows luxuriantly in any situation, affording a constant supply of richly marked flowers for cutting. Pkt., 10c.



COREOPSIS

**Cockscomb**

(Celosia Cristata)

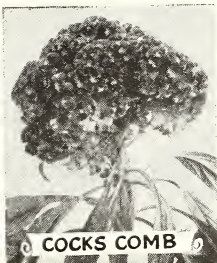
A half-hardy annual, growing 6 to 8 inches high, bearing a wide, wavy blossom that resembles a cock's comb. In brilliant colors; fine for massing or border work.

Mixed—Several shades of red and yellow. Pkt., 10c.

**Cocoba Scandens**

(Cathedral Bells)

Annual. A climber of rapid growth, beautiful fine foliage and a rich purple flower borne on long stems. Pkt., 10c.



COCKS COMB

**Columbine**

(Aquilegia)

Hardy Perennial. The Columbine ranks among the most beautiful and hardy plants, and if once established in the garden, they will last many years, but should be taken up every two or three years to be replanted after dividing the clumps. Fall sown seed will bloom the following Spring. One of Arizona's own flowers.

Improved long spurred varieties, mixed. Pkt., 15c.



COLUMBINE

**Cosmos**

Annual. A strong, tall growing annual with bold flowers of exquisite faintness and airiness heightened in effect by their foliage of feathery green. If when planted it is most effective broad masses or along background border against evergreens or fences. Seed should be planted in early Spring to late Fall and they will bloom within 60 to 75 days after planting.

**EXTRA EARLY MAMMOTH FLOWERING—**

Mammoth Crimson, Pkt., 10c; 1/4 oz., 25c; oz., 75c.

Lady Lenox—White. Pkt., 10c; 1/4 oz., 25c; oz., 75c.

Lady Lenox—Pink. Pkt., 10c; 1/4 oz., 25c; oz., 75c.

DOUBLE CRESTED—Finest mixed. Pkt., 15c; 1/4 oz., 50c.

KLONDYKE—This is one of the finest varieties of Cosmos, producing large, golden yellow flowers, blooms all late Summer and Fall. This is one of the finest flowers for the South. Plant a big bed for cut flowers. Pkt., 15c; 1/4 oz., 50c.

**Wild Cucumber**

Annual. This is the quickest growing climber in our list. Grows wild, self sown in many parts of the west. It will grow 30 feet in one season. It is thickly dotted over with pretty white, fragrant flowers, followed by an abundance of ornamental prickly seed pods. Pkt., 10c; oz., 45c.

BUY THE BEST—WE DO

**Cypress Vine**

(Ipomea Quamoclit)

A tender climbing annual with soft, fern-like foliage and small star-like flowers; mixed. Pkt., 10c.

**Daisies**

**DOUBLE ENGLISH DAISY** (Bellis Perennis)—Seed sown in early Spring will bloom the first Summer, and continue for years if given slight protection during Winter. Should be sown in partial shade. Hardy perennial 3 to 6 inches. Pkt., 25c; 1/4 oz., 75c.

**AFRICAN DAISY** (Dimorphotheca)—Rare and very showy annuals from South Africa; having daisy-like flowers of a glossy salmon-orange shade with black central ring, a lovely color when flower is open in the sun. Pkt., 10c; 1/4 oz., 35c.

**BLUE EYED AFRICAN DAISY**—Hardy annual, easily grown from seed. The daisy-like flowers are silvery-white with a blue eye surrounded by a narrow golden band. The under part of petals is lilac blue. Pkt., 10c; 1/4 oz., 35c.

**SHASTA DAISY**

(Alaska) — A hardy perennial, sometimes called the California Daisy, a beautiful flower with large white petals and dark centers, measuring 3 to 4 inches across. Pkt., 15c; 1/4 oz., 35c.

**SWAN RIVER**

(Brachycome) — Free flowering dwarf annuals covered during the greater part of the Summer with a profusion of pretty blue and white flowers. Suitable for edgings, 9 inches. Pkt., 10c; 1/4 oz., 35c.

**Didiscus**

(Blue Lace Flower)

Annual. Very charming outdoor or greenhouse annual. The plant grows about 18 inches high and produces attractive, umbel-shaped flowers of lace-like appearance, the color is a clear cerulean or heavenly blue. Excellent for cutting. Pkt., 10c.

**Digitalis**

(See Fox Glove)

**Dimorphotheca**

(See African Daisy)

**Dolichos**

(See Hyacinth Bean)

**Dahlia**

Annual. Grown from seed will flower the first year. Plant in the house in shallow boxes or pans. Transplant to the open ground as often as their growth requires. The seed germinates very readily. Double Mixed, Pkt., 25c.

**Delphinium**

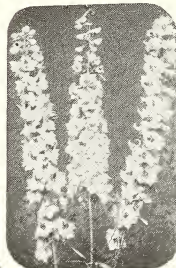
(Perennial Larkspur)

Hardy Perennial. One of our most showy and useful perennial plants, possessing almost every requisite for the adornment of the garden, producing splendid spikes of flowers in profusion throughout the season.

To prolong the season of bloom cut the old flower stems off after they have faded and new shoots will flower later in the season.

**BELLADONNA** — One of the most freely and continuously blooming varieties. Immense spikes of lovely pale blue. Height 4 feet. Pkt., 25c; 1/4 oz., \$1.25.

**GOLD MEDAL HYBRIDS**—A great variety of charming colors. Pkt., 15c; 1/4 oz., 50c.

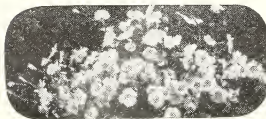


PLANT OUR GIANT ZINNIAS



**Dianthus**

(Pinks)



Dianthus Pinks

**DOUBLE JAPAN MIXED**—The flowers are rich in hue, very double, deep fringed petals. Colors vary from white to rose, lilac, carmine, crimson, scarlet, purple, brown and almost black, spotted and striped. Pkt., 10c; ¼ oz., 30c.

**DOUBLE CHINA MIXED**—White and dark crimson petals, also white tipped light purple and shades of red with darker blotchings. A mixture of double pinks unsurpassed in variety of brilliant coloring and marking. Pkt., 10c; ¼ oz., 35c.

**Everlasting Flowers**

(Straw Flowers)

See Acrolinum, Globe Amaranthus, Helichrysum, Rhodanthé, Statice and Xeranthemum. Mixed Packet, named varieties, 10c.

**Evening Primrose**

(See Primula)

**Four O'Clock**

(Marvel of Peru)

Hardy annual. Plants are large and require plenty of space. Flowers sweet scented. Yellow or striped. Open about funnel shaped, being white, red, four o'clock in the afternoon. Plant during early Spring months. Mixed colors, Pkt., 10c.

**Forget-Me-Not**

(Myosotis)

Perennial. A hardy perennial with small, blue star-like flowers borne in clusters on long stems. Will bloom the first year if sown early and does best if sown in a box and then transplanted to a cool, moist situation. Pkt., 10c.

**Flax, Scarlet**

(See Linum)

**Fox Glove**

(Digitalis)

Hardy perennial. The tall, flower-like spikes of the Fox Glove, often 2 to 3 feet, are particularly handsome when grown among shrubbery or in masses. Require some shade. Pkt., 10c; oz., 35c.

**Gaillardia**

(Blanket Flower)

Perennial. A constant bloomer from early Summer to late Fall. Flowers scarlet and orange. While it is a hardy perennial will bloom the first year from early planting. Height 1½ feet.

Grandiflora mixed Pkt., 10c; ¼ oz., 40c.

**Geranium**

(Pelargonium)

Perennial. The most popular bedding plants and for pot culture. The blooms are very brilliant and are beautifully marked. Mixed, double and single, Pkt., 15c.

**Gerbera**

(Jamisonii Hybrids)

Perennial. (Transvall or South African Daisy)—Dark green finely cut leaves, blooms on long stiff stems, size and shape of Shasta Daisy, but brilliant brick red color. Also hybrids which range from almost white to lemon, salmon-blush, all shades of pink and red to scarlet. Likes well drained soil and sunlight. Not affected by frost. Pkt., 25c.

**BUY THE BEST—WE DO****Globe Amaranth**

(Gomphrena Globosa)

An excellent everlasting or immortelle; flowers globe-shaped, purple, orange and variegated. Retain their shape and color when dried; are also good for cutting as fresh flowers. Height, 10 inches. Tender annual. Mixed, Pkt., 10c.

**Geum**

Perennial. Beautiful, hardy perennial, bearing profusely large, showy, double flowers. An elegant flower for bouquets. June and July, 12 inches high. Yellow, Pkt., 25c.

**MRS. BRADSHAW**—Large, double, brilliant scarlet flowers. Pkt., 15c.

**Godetia**

(Satin Flower)

A hardy annual 10 inches high, of compact growth, satiny cup-shaped flowers in deep red, pink and white; sow in October and it will bloom in the early Spring. Does well in Arizona. Pkt., 10c.

**Gourds, Mixed**

Strong climbing vines producing many odd shapes and ornamental gourds. Pkt., 10c; oz., 25c.

**Gypsophila**

(BABY'S BREATH)

A hardy annual of easy culture. Grows 2 to 3 feet high, and bears a profusion of small star-shaped flowers. Very fine for bouquets. Pkt., 10c; oz., 60c.

**Helichrysum**

(Straw Flower)

A free flowering, hardy annual, growing 4 or 5 feet high and bearing beautiful straw-like flowers in a great variety of shades and colors. Pkt., 10.

**Hollyhocks**

These stately, old fashioned perennials are most striking when seen in groups or long rows against evergreen hedges, shrubbery, etc., and in their turn form a very fine background for plants of lower growth. Pkt., 10c; oz., \$1.00.

**Humulus**

(Japanese Hop)

A rapid growing, climbing annual with dense foliage. Will grow 20 to 30 feet in a season. Pkt., 10c; oz., 50c.

**Hyacinth Bean**

(Dolichos Lablab)

Half hardy annual. A rapid growing annual climber, flowering freely in erect racemes, flowered by ornamental seed pods. For covering arbors, trellises, etc. Plant in the Spring. Pkt., 10c; oz., 25c.

**Heliotrope**

Half hardy perennial. Its delightful perfume makes it a most desirable bouquet flower, a splendid bedding plant, or can be trained as a green house climber. Seeds started indoors in the Spring will make fine plants for Summer blooming. Mixed colors, Pkt., 10c; ½ oz., 50c.

**Ice Plant**

(Mesembryanthemum)

Annual. A curious plant for hanging baskets, rock work, vases and edgings; leaves and stems succulent, appearing as though covered with crystals. Pkt., 10c.

**Job's Tears**

(Coix Lachryma)

Hardy annual. Curious ornamental grass, with broad corn-like leaves and seeds of a light slate color. Valuable for winter bouquets with everlasting flowers. Strings of handsome heads are made from the seeds. 3 feet high. Pkt., 10c; oz., 15c; ¼ lb., 30c.

**CUT FLOWERS FOR ALL OCCASIONS**



Burning Bush

**Kochia Tricophylla**

(Mexican Fire Bush)

A splendid ornamental annual plant forming dense oval bushes 2 to 2½ feet high, of small light green foliage, changing to fiery red in the Fall. Planted in March it does well here. Pkt., 10c.

**Kudzu Vine**

A new climber of great merit. This is one of the fastest growers we know of, reaching a height of 20 feet in a short time. Pkt., 10c.

**Linum**

(Scarlet Flax)

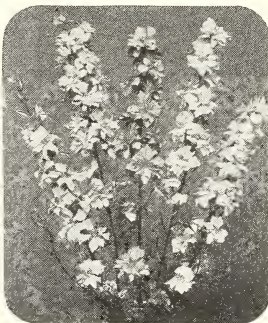
**GRADIFLORUM RUBRUM**—A hardy annual of slender and graceful appearance with fine foliage and bright red flowers. It makes beautiful beds or borders and is largely used for cut flowers. Scarlet Flax makes a fine Fall and Winter flower, blooming profusely for several months. May also be sown in the Spring. Height 1½ to 2 feet. Pkt., 10c; oz., 40c; ¼ lb., \$1.00.

**BLUE FLAX**—Pkt., 10c; oz., 40c; ¼ lb., \$1.00.

**Lobelia**

Fine for bedding. Plants very compact, profusely covered with rich blue flowers. Plant in March. Pkt., 10c.

**DOUBLE STOCK FLOWERED LARKSPUR**—Beautiful hardy plants with noble spikes of handsome flowers. Plant in October and November. We recommend it for Southern Arizona. We have these in separate colors of Purple, Dark Blue, White, Carmine Red, Rose Pink and Mixed. Pkt., 10c; oz., 75c.



Larkspur—Annual Delphinium

**Lupin**

One of our most attractive and easiest grown flowers. The plants grow 2 to 3 ft. high and have handsome spikes of flowers which are fine for cutting. If the plants are not allowed to go to seed they flower for several months in the spring. Mixed colors. Pkt., 10c.

**Linaria**

Baby Snapdragon

A pretty garden annual—sometimes called Baby Snapdragon because of its resemblance to snapdragons. They are easily grown and are exceptionally attractive as cut flowers. In this mixture are blue, rose, lavender, yellow, etc. Height, 2 feet. Pkt., 10c.

**Lantana**

Tender perennial growing from 2 to 3 feet high, bearing verbenalike clusters of flowers; sow seed in boxes in February and protect until after danger of frost is past, when they may be set in the open. Pkt., 10c.

**Mexican Fire Bush**

See Kochia

**Mourning Bride or Pin Cushion Flower**

See Scabiosa

**Mignonette**

Reseda Odorata

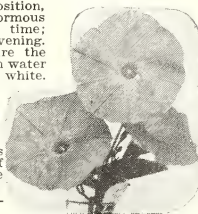
Hardy annual growing 6 to 12 inches high, sow in the Fall or Spring. Very easily grown. Pkt., 10c; oz., 50c.

**Moon Flower**

Ipomea

Perennial. This vine does beautifully in any part of Arizona in any position, be it sun or shade, making an enormous growth in a remarkably short time; large white flowers open in the evening. File or in some manner puncture the outer shell of the seed and soak in water 12 hours before planting. Blue or white.

Pkt., 10c; oz., 75c.

**Marigold**

A hardy annual in various shades. Planted after danger of frost is past, they will bloom here throughout the entire Summer.

**Double Tall African Mixed**—Pkt., 10c; oz., 75c.

**Dwarf French Mixed**—Pkt., 10c; Moonflower—Early Skyblue oz., 75c.

**Morning Glory**

Convolvulus

**TALL MIXED**—The most rapid growing vine for Spring planting. Pkt., 10c; oz., 25c. **JAPANESE FRINGED**—A large flowering variety with beautifully fringed flowers. Pkt., 10c; oz., 35c.

**DOUBLE MORNING GLORY**—A beautiful Double Morning Glory. It makes a very fast growth of rich, luxuriant foliage. Will flower about 75 per cent double. Pkt., 15c.

**Nasturtium**

Hardy annual. If you have space for them you cannot have too many Nasturtiums. Easy to grow in most any soil. Plant the seed anywhere. The tall kinds are especially suited for covering fences, rockeries, trellises and the dwarf varieties especially adapted for borders. All Nasturtiums are very showy with their brilliant colored flowers and beautifully marked leaves. In Southern Arizona plant in February and March for Spring flowers and early in the Fall in protected places.



Dwarf Nasturtiums

**DWARF OR TOM-THUMB VARIETIES**

**Clot of Gold**—Fiery red, yellow foliage.  
**Empress of India**—Deep Scarlet, dark leaves.  
**Ivy Leaved**—Mixed.  
**Finest Mixed Dwarf**.

**TALL OR CLIMBING VARIETIES**

**Special Mixed Tall**.  
Any of the above—Pkt., 10c; oz., 25c.

**Nemesia**

Annual. Dwarf, large flowering hybrids. A very pretty annual which does best planted in seed bed early in Spring and transplanted. The plants grow about a foot high and the orchid-like flowers are very varied in color, including rose, yellow, blue, orange, etc. Pkt., 25c.

**Nigella**

(Love-in-a-mist)

This is one of our prettiest old-fashioned annuals. It will grow well even under adverse weather conditions and withstands considerable heat and drought. Fine for the border, beds or cutting.

**MISS JEKYLL**—Deep rich blue. Pkt., 10c.

**Nemophila**

Baby Blue Eyes

A hardy annual growing about 6 inches high. The blossoms are cup-shaped and the colors are blue, white, lavender and spotted. The seed may be sown from October to March and is very valuable for carpet bedding and borders. Pkt., 10c.

**Nicotiana or Flowering Tobacco**

A half hardy annual, growing 3 feet high, with slender tubular flower. Belongs to the tobacco family. Requires plenty of room in the garden.

**AFFINIS**—White, and very fragrant. Pkt. 10c.

BUY THE BEST—WE DO

ANTS CARRY OFF FLOWER SEED—KILL THEM WITH CALCIUM CYANIDE

**Pinks**

See Dianthus

**Pansier**

This flower with its alluring little faces and beautiful markings of brilliant and blended colors, if given a chance makes one of the most popular flowers we have and it is easily grown. Best adapted to partly moist and somewhat shaded places but for large blooms, rich soil is best.

Plant seed during the Fall months in a semi-shaded location or in flats and when large enough, transplant to where they are to bloom. The flowers should be kept picked to prolong the blooming period.

Lord Baconfield—Purple-violet shading to white. Pkt., 15c.  
Giant Eros—Velvety brown edged with golden yellow. Pkt., 15c.

Mahogany Colored Shades—Pkt., 15c.

Pure White—Pkt., 15c.

Giant Yellow—Pkt., 15c.

Deep Purple—Pkt., 15c.

Indigo Blue—Pkt., 15c.

King of the Blacks—Pkt., 15c.

Trimardeau—Giant Mixed. Pkt., 25c.

Special Good Mixture. Pkt., 10c; ¼ oz., \$1.00.

Steel's Greenhouse Special Mixture. Pkt., 25c; ½ oz., \$1.50.

**Painted Daisy**

See Chrysanthemums

**Passiflora**

Coerulea Grandiflora (Passion Flower)

Hardy Perennial. 15 feet. Southern beauty. A beautiful vine for greenhouse and windows. Few effects are more charming than the Blue Passion Flower, covering a wall with its rich, green foliage and sky blue flowers, followed later by an abundance of handsome fruit. Pkt., 10c.

**Petunia**

Annuals. Few flowers excel Petunias in brilliance and gorgeous display, especially for window-boxes, borders and solid beds. They commence flowering very early and continue their riotous production of blooms throughout the whole season until killed by frost. Easily cultivated, requiring only a good soil and sunny position. In Southern Arizona start planting in September and throughout the Winter and Spring months. Scatter the seed on an even surface and cover with a very light layer of sand and manure much. Thin out plants to allow sufficient room for growth.

Giant of California—Flowers very large, in great variety of colors and markings, with deep yellow throats. Pkt., 25c.

Ruffled Giants—An improved strain of California Petunias, flowers often measuring 3 to 4 inches across. Its colorings combine all shades from purest white through rose, pink, carmine and purple. Most of the flowers are brilliantly marked, veined and fringed. Pkt., 25c.

Rosy Morn—Soft carmine pink with white throat, makes a very dainty and at same time effective border. Pkt., 15c.

General Dodds—Velvety dark red, nearly black, a scarce color among Petunias. Dwarf, compact bushes. Pkt., 10c.

Striped and Blotched—A good strain of the small flowering type, beautifully striped and blotched flowers. Fine for massing. Pkt., 10c.

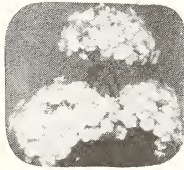


Petunias

**Phlox Drummondii**

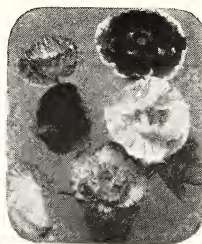
A hardy annual suitable for borders, bearing beautiful and brilliantly colored flowers all Spring and well into the Summer. Pkt., 10c; oz., \$2.00.

WRITE FOR BOOKLET  
ON FLOWERS IN SALT  
RIVER VALLEY.



Phlox

BUY THE BEST—WE DO

**Poppies**

Papaver

The different varieties of poppies are always favorites for outdoor display and the cultivation of them being so extremely simple entitles them to a place in every garden in Arizona. Seed should be sown in the Fall where the plants are intended to flower.

CALIFORNIA—Pure yellow and mixed. Pkt., 10c.

CARNATION FLOWERED DOUBLE MIXED—Choice assortment of brilliant colors. Flowers very double and well fringed. The plants grow to a height of 4 feet and bear immense carnation-like blooms 6 to 8 inches across. Annual. Pkt., 10c; oz., 50c.

SHIRLEY ANNUAL—The most charming poppy in cultivation. The blossoms are bright and showy and include an almost endless variety of colors, from pure white, pink, terra cotta, salmon, chamois and rosy carmine, to brilliant crimson, many of the flowers being beautifully flaked or edged with white. Pkt., 10c; oz., 40c.

GLAUCUM (Tulip Flowered)—Beautiful variety, producing flowers of the most vivid scarlet, effective for beds or masses. Annual. Pkt., 10c; oz., \$1.00.

**PERENNIAL VARIETIES**

ORIENTAL—The single large Oriental Poppy is one of the most striking of all the hardy garden plants. The tall stems, 3 feet in height, with flowers of brilliant scarlet, 6 to 8 inches across, enliven the shrubby and dark corners in early Summer. They thrive well, either in full sun or partial shade. Pkt., 25c; ¼ oz., 75c.

DOUBLE FLOWERED PEONY POPPY—White, pink, cardinal, mixed. Pkt., 10c; oz., 75c.

**Portulaca**

Beautiful dwarf plants, bearing glossy cup-shaped flowers in brilliant colors. A wonderful Summer plant.

SINGLE LARGE FLOWERING MIXED—Pkt., 10c; ¼ oz., 50c.

DOUBLE LARGE FLOWERING MIXED—Pkt., 10c; ¼ oz., \$1.00.

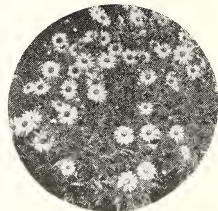
**Primula**

(Evening Primrose)

VULGARIS—Perennial. English Primrose. Large rich yellow flowers, produced early in the Spring. Grows 6 to 8 inches tall, making a showy bed or border. Plant in Fall and early Spring in partial shade. Pkt., 10c.

**Pyrethrum**

AUREUM GOLDEN FEATHER—5 inches. Hardy perennial. One of the best plants for edgings, grown for its beautiful yellow foliage. Most successfully treated as an annual. Pkt., 10c.



Pyrethrum

**Ranunculus**

Perennial. Originating from a wild, large-flowered Ranunculus found in Palestine, a variety of colors, reds, yellow, orange, etc. The mixture includes singles, semi-doubles and doubles. The flowers make the plants a blaze of color. A bed of these is a remarkable sight. Pkt., 25c; ¼ oz., 75c.

**Ricinus**

See Castor Bean

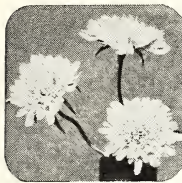
**Rhodanthé**

Everlasting Flower

MACULATE ROSEA—One of the most attractive everlasting flowers. The flowers hang like little bells on the stems and make a pleasing and dainty cut flower either fresh or dried. Pkt., 10c.

GOOD GARDEN TOOLS MAKE GARDENING A PLEASURE





### Scabiosa

(Mourning Bride or Pin Cushion Flower)

Hardy annual. One of our finest annuals for cutting and very showy in the garden. Easily raised from seed, blooms continuously from early summer until frost in a wide range of rich and beautiful colors. The varieties we offer are greatly improved in size and color of the flowers. In Southern Arizona plant in the Fall months, thin or transplant to about 12 inches apart, average height 2½ feet.

Scabiosa

**Azure Fairy**—Heavenly blue.  
**Black Purple**  
**Flicker**  
**Flesh Color**  
**Snow Ball**—Pure white.  
**Sulphur Yellow**  
**Fine Mixed Colors**  
 Pkt., 10c; ¼ oz., 25c.

**SHASTA**—Pure white with immense blooms from 3 to 4 inches in diameter. The stems are exceptionally long and the variety is invaluable for cutting. Pkt., 20c; ¼ oz., 50c.

**PEACH BLOSSOM**—lovely new shade of peach-blossom pink. The flowers are large, borne on long stems and are therefore, excellent for cutting. Pkt., 20c; ¼ oz., 50c.

### Scarlet Runner Bean

Annual. A variety of climbing beans having rich scarlet blooms and most useful for decorative purposes covering arbors and unsightly structures. The pods are also appreciated as an addition to the vegetable list. Pkt., 10c.

### Smilax

Tender perennial. A perennial climber with deep glossy green leaves. Pkt., 10c.

### Snaptail

See Antirrhinum

### Salpiglossis

Painted Tongue

Highly ornamental, half hardy annual, bearing funnel-shaped flowers in striking colors. Pkt., 10c; ¼ oz., 75c.

### Sweet William

(Dianthus Barbatas)

A hardy perennial blooming the second year from seed. Grows one to two feet high and bears its flowers in clusters, at the end of a stiff stem. The individual flowers are handsomely colored and marked. It makes a beautiful bedding plant, and is of easy culture.

Single or Double Mixed—Pkt., 10c.

### Schizanthus

Butterfly Flower

Very beautiful and interesting annuals. This is one of the earliest annuals to raise from seed. Sow in the open where plants are to flower. Exceptionally beautiful when in full bloom and literally covered with small orchid-like flowers. Mixed—Pkt., 10c.

### Salvia Splendens

(Scarlet Sage)

A tender perennial blooming the first season from seed. Pkt., 10c.



Salvia or Scarlet Sage

### Statice

Annual Statice is not only a beautiful flower in the border, but dries retaining its true colors, which are rare among everlasting, and have come to be indispensable in making winter bouquets. The seed should be kept quite moist until germinated. Plant in the Fall months.

**SINUATA**—True Blue, Lavender, Rose, White and Mixed colors. Pkt., 10c; ¼ oz., 50c.

**CASPIA**—A new variety having lovely blue flowers borne in long sprays, which is much used to mix with other flowers because of its dainty, graceful effect. Is a hardy perennial blooming during the Summer and early Fall. May be dried as an everlasting flower. Pkt., 25c.

### Stocks

(Gilliflower)

Annual. Very popular flowers, easily grown and are so highly fragrant and of such beauty, that they deserve a place in every garden in the country. They are considered almost indispensable where a fine display of flowers is wanted and are particularly valued for edgings, bedding and pot-culture. The improved varieties we offer produce dense spikes of very fragrant and beautiful rosette-like double flowers in a wide range of attractive colors, grow about 24 inches high, of branching habit. Sow the seed in the Fall in open ground or flats, using well fertilized, carefully pulverized soil, covering with one-fourth inch of fine soil, firmly pressed down. Thin to 6 inches apart in rows 15 inches apart. The plants will go through the winter uninjured by frost and will bloom from early Spring well into the Summer months. In thinning out remember that the weak and delicate plants are those which usually throw the best double flowers.

### EARLY DOUBLE GIANT—(Improved Bismark)

Imperial Blush—Apple Blossom.....	Pkt., 15c; ½ oz., 75c
" Chamade—Ivory Tinted Rose.....	" 15c; " 75c
" Dark Blue—Near purple.....	" 15c; " 75c
" Lavender—Light Lavender.....	" 15c; " 75c
" Lilac—Dark Lavender.....	" 15c; " 75c
" Rose—Deep Rose Pink.....	" 15c; " 75c
" White—Pure White.....	" 15c; " 75c
" Fair Maid—Blush Pink Suffused	
Salmon.....	" 15c; " 75c
" Mixed—All colors mixed.....	" 15c; " 75c

### Sunflower

(Helianthus)

Annual. These are hardy annuals of easy culture. Grown in clumps or borders they are very showy.

**RED SUNFLOWER**—Many beautiful shades of red. Pkt., 10c; ¼ oz., 50c.

**RUSSIAN MAMMOTH**—Single heads measure 12 to 20 inches in diameter and often bear an immense quantity of seed, used as feed for fowls. Pkt., 10c; ½ lb., 15c; 1 lb., 25c.

## Sweet Peas

### Spencer or Orchid Flowering Varieties

Many people believe that the Spencers are nothing more than large flowering varieties and selected from the common strains of Sweet Peas. But this is not true. Our Spencer Sweet Peas are from a different and grander type—the color, curves, aroma and gigantic size attained through Spencer strains could never be found in the common grades.

You will note from description that we have selected only the very best types of separate colors, this selection having been made for us by an expert with an international reputation and we know absolutely that they will give satisfaction and are adapted to Arizona climatic conditions.

**CULTURE**—Select your space for planting Sweet Peas in the open where the sun shines at least three-fourths of the day and where the vines may be trailed on a trellis of string or wire netting. Dig a trench about 1 foot or 18 inches deep. Put about 3 inches of well-rotted barnyard manure in the bottom of the trench, mix or sprinkle a liberal amount of manure and commercial fertilizer with the dirt that has been removed and replace it. After the soil has been settled sufficiently, open a trench in the bed about six inches deep and plant on ounce of seed to about 20 feet of row. During warm



Mary Pickford—Pinkie



Early Flowering Spencers

weather cover the seed from two to three inches deep and in cooler weather one inch deep is sufficient. Care must be taken during the warm weather not to rot the seed with moisture.

After planting the seed, soak the ground in the trench thoroughly and follow with a liberal sprinkling of manure or dried grass to hold the moisture and prevent the surface soil from crusting.

As soon as the plants are above the ground, thin out to 3 to 4 inches apart. When planted too close they do not attain their full development.

After the peas are up 8 or 10 inches, begin to draw the dirt to them, gradually filling the trench, and the planted open another trench about ten inches from the row, or two trenches may be opened, one on each side of the row, through which to water them the rest of the season.

Frequent cultivation is very necessary and after the peas are 12 to 15 inches high a mulch of fine manure should be applied to the entire bed and gradually worked into the soil. Keep them well watered and at blooming time, the blossoms should be cut each day to insure a long blooming period.

## Giant Spencer Sweet Peas—Late Flowering—Classified List

### ORANGE AND SALMON PINK SHADES

	Pkt.	Oz.
Barbara—Bright Salmon Orange. (Requires shading)	\$0.10	\$0.40
Hero—Brilliant clear Cerise	..10	..60
Mrs. A. Searles—Bright Salmon Cerise	..10	..60

### RED SHADES

Campfire—Very bright Flame Scarlet	..10	..40
Crimson King—Deep Crimson	..10	..40
Doreen—Bright Rose Carmine	..10	..40
Rosabelle—Bright Rose Crimson	..10	..40
Royal Scott—Brilliant Scarlet	..10	..40
Defiance—Orange Scarlet	..10	..40

### PINK SHADES

Halmark's Pink—Very bright Pink	..10	..40
Elfrida Pearson—Light blush Pink	..10	..40
Youth—White, with clear Pink Picotee edge	..10	..60
Pinkie—Giant flowered Old Rose	..10	..40

### CREAM PINK SHADES

Miss California—Beautiful Salmon Cream Pink	..10	..40
Picture—Giant Cream Pink	..10	..40
Dora—Large Rose and Cream bi-color	..10	..40
Mary Pickford—Dainty Dream Pink Suffusion of Salmon	..10	..40

### WHITE

King White—Giant pure White	..10	..40
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### LAVENDER AND LIGHT BLUE SHADES

Austin Frederick Improved—Finest pure Lavender	..10	..40
Chieftain—A charming light Mauve	..10	..40
Gleneagles—Large Light Blue Lavender	..10	..40
Powerscourt—Large Lavender of exquisite form	..10	..40
Masterpiece—Lavender Tinted Mauve	..10	..40

### MAROON, PURPLE AND BLUE SHADES

Mrs. Tom Jones—Large clear Blue	..10	..40
Royal Purple—Rich Royal Purple	..10	..40
The Sultan—Rich velvety Maroon	..10	..40

### PRIMROSE SHADES

Daffodil—Large, very deep Primrose	..10	..40
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## Sweet Peas

### Late Flowering Spencer Collection

**HOME GARDEN COLLECTION**—Containing one packet each of the following varieties: Campfire, Crimson King, Halmark's Pink, Miss California, Mrs. Tom Jones, Powerscourt and Youth, 50c postpaid.

**MEDAL OF HONOR COLLECTION**—Containing ten varieties, 75c, postpaid.

**GRAND PRIZE COLLECTION**—Containing fifteen varieties. A splendid assortment of Spencer Sweet Peas, \$1.00 postpaid.

**COLLECTION SUPREME**—Containing twenty-five varieties. This is an extraordinary offer, \$2.00 postpaid.

**GIANT SPENCERS MIXED**—This mixture contains the cream of the finest named Orchid or Spencer Sweet Peas, containing a carefully prepared mixture with just the right proportion of different colors and shades. Pkt., 10c; oz., 30c; ¼ lb., 75c; 1 lb., \$2.50, postpaid.

### Early Flowering Spencer Sweet Peas

sometimes called

### Winter Flowering or Christmas Flowering

These magnificent Sweet Peas are becoming more popular each year; they are from four to five weeks earlier in blooming than the late standard variety. Planted in September or October they will bloom as early as January, although they may be planted any time during the fall. The varieties selected have long stems with three or four blooms to a stem.

**BUY THE BEST—WE DO**



	Pkt.	½ Oz.	Oz.
Early Aviator—Large Crimson	..15	\$0.35	\$0.60
Early Blue Bird—An attractive shade of Blue	..15	..35	..60
Early Chevalier—Fine clear Rose Carmine	..15	..35	..60
Early Columbia—Large Pink and White	..15	..35	..60
Early Glitters—Bright Orange Scarlet	..15	..35	..60
Early Harmony—Giant Lavender	..15	..35	..60
Early Meadow Lark—Cream	..15	..35	..60
Early Mrs. Kerr—A fine shade of Salmon	..15	..35	..60
Early Queen Crimson—O-blood Crimson	..15	..35	..60
Early Silver Blue—A delicate shade of Lavender	..15	..35	..60
Blue	..15	..35	..60
Early Snowstorm Improved—Cream White	..15	..35	..60
Early Superior Pink—Beautiful Rose Pink	..15	..35	..60
Early Torch—Salmon Orange	..15	..35	..60
Early Vulcan—A bright vivid Scarlet	..15	..35	..60
Early Zvolanek's Rose—Deep Rose Pink	..15	..35	..60

### Early Flowering Spencer Collection

**COLLECTION No. 4**—Collection containing one packet each of Early Harmony, Aviator, Snowstorm, Torch, Zvolanek's Rose, 50c, postpaid.

**COLLECTION No. 5**—Containing one packet each of Early Aviator, Columbia, Superior Pink, Glitters, Blue Bird, Silver Blue, Snowstorm, Vulcan, Zvolanek's Rose, Chevalier, \$1.00, postpaid.

### Early Flowering Spencer Mixed

**EARLY FLOWERING SPENCER MIXED**—We do not believe it is possible to get anything more perfect in quality or better in color scheme than this wonderful mixture. It is a blend of more than fifty prize-winning varieties, with just the right amount of each to insure the highest effect. Pkt., 10c; oz., 50c, postpaid.

### Mammoth Verbenas

A hardy perennial of trailing habit and one of the finest and best known for beds, parkings, etc. The colors are brilliant and varied and the new large flowered strains are handsome as cut flowers. The flowers are fragrant and produce freely throughout most of the year. They will stand much neglect after established. Although perennials, they will bloom the first season from the seed.



Verbena

### MAMMOTH SCARLET—The flowers are an intense fiery red,

produced in great clusters, and is recommended above all others as a bedding variety. Pkt., 10c; ¼ oz., 40c.

**MAMMOTH LAVENDER**—A giant flowering sort, bearing clusters of beautiful purple flowers. Pkt., 10c; ¼ oz., 40c.

**MAMMOTH PINK**—Unexcelled for size and beauty. Pkt., 10c; ¼ oz., 40c.

**MAMMOTH WHITE**—Pkt., 10c; ¼ oz., 40c.

**MAMMOTH MIXED**—Embracing all sorts. Unsurpassed for richness of color and profusion of bloom. The very richest mixture procurable. Pkt., 10c; ¼ oz., 40c.

### Vinca Rosea

(Periwinkle)

Tender annual. Ornamental free-flowering plant which grows in bushy form and produces round, flat disk-like flowers about 2 inches across. Sow in the Fall and Spring months. Mixed White and Pink—Pkt., 10c.

### Violet

Perennial. Hardy perennial blooming freely throughout the Spring and Autumn, of easy culture and seed may be sown out-of-doors where the plants are to remain. The violet is the emblem of modesty. Plant in shady location. Pkt., 10c.

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## Violas

(Tufted Pansies)

Perennial. Height 6 inches. The plants are more hardy than pansies and of vigorous growth, forming deep-rooted compact tufted clumps. Planted in masses or lines they form perfect mats covered with myriads of flowers. Plant in shady location. Pkt., 25c; 1/8 oz., 50c.

## Wallflower

Half hardy perennial. Deliciously fragrant and combine many shades of color, the orange, purple and chocolate predominating. Double Mixed—Pkt., 10c.

## Wild Garden Flower

This is a well balanced mixture of best annuals, calculated to make a striking display. Excellent to meet the demand for odd corner mixtures. Plant in the Spring and Fall. Pkt., 10c.

## Xeranthemum

(Everlasting Flowers)

DOUBLE MIXED—Half hardy annual. Bright and pretty "Everlasting" with silvery foliage and silky flowers in pink, white and purple. Pkt., 10c.

# Plant Our Special Giant Zinnias

### IMPORTANT!

To produce the best in Zinnias as to size and color the plants should be thinned to at least 6 inches apart. Avoid shade, give plenty of water, and good soil and cultivation will do the rest.

In offering these giant Zinnias we have no hesitancy in stating that they are the finest ever. We have actually grown flowers that measured 6 1/2 inches across, and they were beauties too. Immense flowers of wonderful colors and with long stiff stems making them excellent for cut flowers. The Zinnia is strictly a hot weather plant and will grow and bloom the entire Summer, no matter how warm the climate. They are just the thing for Arizona climatic conditions, blooming at a time when flowers are scarce. We know you will be pleased with these, and we urge you to include them in your collection for the Summer flower garden. Begin planting in March and continue planting throughout the entire Summer.

## Giant Picotee Mixed

This Zinnia is in a class by itself. In addition to its being double and large flowered, each petal is distinctly tipped with a darker shade of the same color, making it novel and attractive. Special packet, 20c.

Special Giant

with a darker shade of the same color, making it novel and attractive. Special packet, 20c.

## Giant Victory Quilled Mixed

The flowers are very large with velvety quilled petals. The plants are vigorous and well branched. Special packet, 20c.

## Giant Butter Cups

A very pleasing shade of creamy yellow. Intermingled with other colors or by itself, it is bright and pretty. The flowers are large and double. Special packet, 20c.

## Separate Colors Double Giant Zinnia

Every flower a picture and a study by itself. You will be very proud of them. Our improved strains are absolutely the best obtainable.

Double Giant Burnt Orange .....	Pkt. 15c
Double Giant Pink Shades .....	Pkt. 15c
Double Giant Scarlet .....	Pkt. 15c
Double Giant White .....	Pkt. 15c
Double Giant Lavender .....	Pkt. 15c
Double Giant Mixed .....	Pkt. 15c

BUY THE BEST—WE DO

## A Wonderful Flower

## New Giant Double Dahlia Flowered Zinnia



Double Giant

We take pleasure in offering this beautiful type of flower which shows a marked distinction over other varieties of Zinnias, producing magnificent blooms greatly resembling the large decorative Dahlia. The plants are very strong, growing from two to three feet high, producing an abundance of mammoth Double Flowers measuring from four to five inches in diameter on long stocks clear of foliage, making them very desirable as cut flowers as well as for garden decoration. Its love for the hot sunshine makes it admirably adapted to our summers. If planted in good soil in the open and given plenty of water, it will surpass any other flower for size and grandeur.

We offer the separate colors in the following varieties:

## Giant

## Dahlia Flowered

EXQUISITE—A most pleasing shade of light rose with a center of deep rose. Pkt., 25c, postpaid.

OLD ROSE—Real old rose shade. Pkt., 25c, postpaid.

GOLDEN STATE—A very rich orange yellow. Yellow in the bud, turning to an attractive orange when in full bloom. Pkt., 25c, postpaid.

CRIMSON MONARCH—By far the largest and best of all red shades. Flowers often 8 inches in diameter. Pkt., 25c, postpaid.

ORIOLE—We consider this the most beautiful of its class. It is an immense orange and gold bi-color, changing slightly as it opens. Pkt., 25c, postpaid.

DREAM—A fine deep lavender turning to mallow purple. 25c per pkt., postpaid.

POLAR BEAR—A very large, pure white, the best white yet seen in Zinnias. True Dahlia form. Pkt., 25c, postpaid.

CANARY BIRD—A delicate shade of primrose. Pkt., 25c, postpaid.

ZINNIA COLLECTION No. 6—One each of any five separate colors. \$1.00, postpaid.

ZINNIA COLLECTION No. 7—One each of the above 8 separate colors. \$1.60, postpaid.

INOCULATE SWEET PEAS WITH McQUEEN'S INOCULATOR



## Bulbs and Roots for Spring and Fall Planting

Special price list of Hyacinths, Tulip and other bulbs for Fall and Spring planting is issued in September.

### WRITE FOR A COPY

Prices listed are postpaid. All bulbs and plants will be delivered in their proper season when ready.



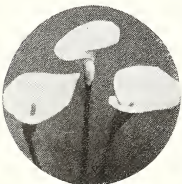
Amaryllis

size, 25c each; \$2.50 doz. Ready for shipment in December. Large size, 35c each; 3 for \$1.00.

### Caladium

(Fancy Leaf)

Plant in shady or partly shady, protected locations outdoors or plant in pots and window or porch boxes. The leaves are very decorative and are spotted, sprayed, veined, ribbed and blotched with white, green, pink, red, orange, bronze, and various shades. Each variety has different markings. Plant a number of these, especially in pots and boxes for beautiful and showy decoration. Mixed, finest varieties, 35c each; 3 for \$1.00.



Yellow Calla Lily

### Calla Lily

(Aethiopica)

The White Calla Lily, or Lily of the Nile, too well known to need further description. First size, 35c each; \$2.50 doz. Second size, 25c each; \$2.50 doz., postpaid.

### Calla

(Elliottiana)

The Yellow Calla Lily. This is the finest Calla grown, large, deep, rich golden yellow color. The leaves are spotted with white. Habit like our old favorite, White Calla. 35c each; \$3.50 doz., postpaid.

### Cannas

Cannas are the most easily grown and the most useful bedding plants we have. They thrive in any soil but respond quickly to good treatment. Space the canna bed to a depth of two feet, incorporating any fertilizer that may be at hand and keep the plants well watered. The results will be surprising.

Large Red—25c each; doz., \$2.00.

Large Yellow—25c each; doz., \$2.00.

Large, Beautiful Pink—25c each; doz., \$2.50, postpaid.

### Dahlias

Among the Summer and Autumn flowering plants there is no subject in the plant line that affords a greater amount of satisfaction to the grower or produces a finer display for a continuous period than the dahlia. Average weight per bulb 6 ounces. We can furnish bulbs in either the Cactus, Decorative, Show or Peony types. Separate colors, 35c each; \$2.50 doz.

### Gladiolus

One of the most attractive of Spring flowering bulbs is the gladiolus. A nice feature of this bulb is the culture. It does not require very much attention and only takes the usual amount of watering that is given any ordinary garden. In setting out the bulbs, try to select a sunny spot of fairly rich soil and spade deeply, then place your bulb in firmly, 3 to 4 inches from the surface.

BUY THE BEST—WE DO

♦ **SEPARATE COLORS**—White, rose-pink, salmon-pink, pink, scarlet, saffron, purple, mauve, carmine and old rose. 10c each; \$1.00 doz., postpaid. Finest mixed colors, 75c per doz., postpaid.

### Tuberoses

**MEXICAN EVERBLOOMING**—The most fragrant of all tuberoses and a wonderful bloomer. Flowers are pure white and clustered from six to a dozen on a stiff stem, making them excellent for cut flowers. These bulbs multiply from year to year, producing great masses which should be separated and transplanted every three years. It grows vigorously in all parts of the South and our bulbs are always sure bloomers the first season. A dozen bulbs will plant a row six feet long. 10c each; 75c doz., postpaid.

## Gold Fish and Supplies

Listings on this page are f. o. b. Phoenix and should go by express only. In ordering Aquarium Ornaments, please state the size of your fish bowl.

### Gold Fish

**GOLD FISH**—Our fish shipment of Gold Fish arrives about October 1st, and we have a variety from that time until February or March. We can make express shipments of two or more fish. In ordering please include 85c to cover cost of container and packing.



**JAPANESE COMETS**—About three inches long. \$1.00 each.

**STRAIGHT TAIL**—From 35c to \$1.00 each, according to size.

**FISH FOOD**—Contains everything that is good for Aquarium Fish.

Spratt's Aquarium Fish Food—Per Package, 15c, postpaid.

### DIP NETS

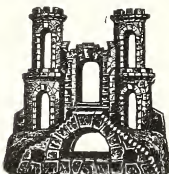
Gold Fish should not be handled with the hands. A Dip Net will handle them gently. 50c each.

### FISH MOSS

This pretty and popular plant is the best known oxygen producer. Per bunch, 35c.

### Fish Castles

Very Ornamental



No. 588—\$1.25

Order by number and add 10c if wanted by parcel post.

### Fish Bowls

Made from bright, clear glass. Prices include packing for shipment)



¼-gallon size.....\$0.60 each  
½-gallon size..... 1.00 each  
1-gallon size..... 1.50 each  
1½-gallon size..... 2.50 each  
2-gallon size..... 3.00 each

F. O. B. Phoenix.

### Lily Bowl

Suitable for Chinese Lily or Paper White bulbs, also as a cut flower table decoration when flower stalks are used in connection. These bowls are in green finish and are very decorative. 5-inch, 40c; 6-inch, 75c; 8-inch, \$1.10; 10-inch, \$1.75, postage or express extra.

♦ **GLASS FLOWER HOLDER**—For any of the above bowls. Small size, 35c; medium, 50c; large size, 75c and \$1.00.

USE GROMORE FERTILIZER ON YOUR ZINNIAS

## Bird Foods, Remedies and Supplies

### Bird Foods

Prices Subject to Change	
"DEPENDABLE GRADE" BIRD SEED MIX.	
TURE—Our best grade, such as we feed. 1-lb. cartons, 30c; 10 lbs., bulk, .....\$1.75	
CANARY, Imported—Re-cleaned. 1 lb., 30c; 10 lbs. 1.75	
HEMP, Imported—1 lb., 25c; 10 lbs. 1.50	
BIRD RAPE—Imported Essex. 1 lb., 25c; 10 lbs. 1.50	
MILLET—Large, yellow. 1 lb., 20c; 10 lbs. 1.50	
SUNFLOWER SEED—Re-cleaned for parrots. 1 lb., 25c; 10 lbs. 1.75	
(Above prices postpaid)	

### Philadelphia Bird Co. Feeds and Remedies

BIRD SITTERS—A tonic for any Cage Bird. Bottle...\$ .30	
RED GRAVEL—All birds need gravel strewn in the bottom of the cage. Per package, postpaid.....\$ .30	
SILVER GRAVEL—To be fed during the moulting season. It darkens the feathers a beautiful orange color. Package .....\$ .30	
MITE POWDER—May be used for any cage birds. Pkg. .....\$ .30	
MOULTING PEPPER—For the moulting season. ....\$ .30	
NESTLING FOOD—For the baby birds. ....\$ .30	
MERICAN SALVE—For swollen and sore legs. ....\$ .30	
CUTTLE BONE—To sharpen the bill. ....\$ .10	
CUTTLE BONE HOLDERS— .....\$ .15	
FISH FOOD—Per package, postpaid. ....\$ .20	
NESTLING HAIR—Makes a comfortable nest. ....\$ .15	
(Above prices postpaid)	

### BIRD MANNA

For the basis of this preparation we are indebted to the canary breeders of the Hartz Mountains. They use a paste that keeps their birds in health and song and cures nearly all diseases. Bird Manna is now more widely known than any article ever prepared by bird dealers, solely upon making its merits known and having been tested. Bird Manna is put up in metal cases, secured by letters patent and is fastened to the cage wires, within easy reach of the bird. Price, 15c each.



### Spratt's Remedies, Bird Specialties, Etc.

CANARYDYNE—An invaluable remedy in the treatment of colds and asthma. A few drops of Canarydyne given when the first symptoms of a cold are noticed usually results in a cure. ....\$ .30	
SPRATT'S POLLICRACKERS .....\$ .30	
SPRATT'S PARROTT TONIC .....\$ .30	
SPRATT'S COD LIVER OIL BIRD FOOD .....\$ .30	
SPRATT'S BIRD LICE DESTROYER (Henning's)—For dusting the feathers. ....\$ .30	
SPRATT'S PARROT FOOD—A mixed food for parrots which should be kept before them all the time. Cartons, each .....\$ .30	
SPRATT'S EGG AND FRUIT MIXTURE .....\$ .30	
SPRATT'S CANARY LEG BANDS—Dozen.....\$ .50	
DEFIANCE MOCKING BIRD FOOD—The purest food obtainable for Mocking Birds, Robins, Nightingales, Thrushes, Black Birds, Skyarks and other soft-billed birds. Per tin. ....\$ .40	
ANT'S EGGS .....\$ .25	
BIRD NESTING HAIR .....\$ .15	
BIRD TONIC (large) .....\$ .30	
BIRD TONIC (small) .....\$ .20	
COLOR FOOD (red) .....\$ .30	
COLOR FOOD (orange) .....\$ .30	
SONG RESTORER .....\$ .35	
ZEKE (Dried Fillets) .....\$ .20	
(Above prices postpaid)	

### Canary Birds

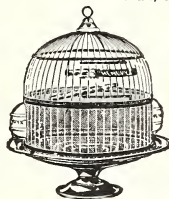
Ask for our BIRD BOOKLET

We can supply at all times good Canary Singers that are trained from King Bird Rollers. These vary in color and range in price from \$10.00 to \$25.00. We absolutely guarantee our birds and purchasers may within a reasonable length of time exchange any birds that are not satisfactory. Female Canaries, \$2.00 to \$3.00, depending on color, breed, etc.

BUY THE BEST—WE DO

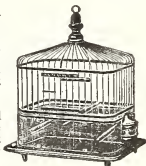
## Bird Cages

The prices on Bird Cages are f. o. b. Phoenix. If wanted by mail, add 25c for postage.



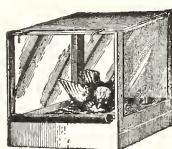
No. 674—Round brass and a very attractive cage. We can supply this cage with or without the brass screen guard which is used to prevent seed being thrown out of the cage. Price, with Guard, 3 sizes, \$5.00, \$6.00 and \$7.00.

No. 285—A special japanned cage. Oblong, with glass cups. This is a good cage at a low price. Is neat, attractive and durable. Price (without Guard), \$3.00 to \$6.00.



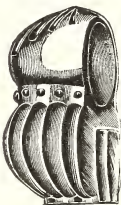
### BIRD BATH HOUSE

To attach to the cage, allowing the bird to bathe every day; 3 sides glass. \$1.00 each.



### CANARY BATHS

These are of porcelain construction and will last indefinitely. Ideal for use as an open bath in a warm room. Two sizes. Opal, each, postpaid.....\$ .30c



### SHELL FEED AND WATER CUPS

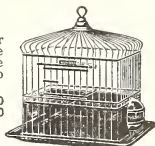
The Shell Cup shown here can be used for either food or water. Made to fit any cage and is easily detachable. It is clean, sanitary and prevents birds from wasting food.

Postpaid  
Shell Cup in Crystal .....\$ .25c  
Shell Cup in Opal .....\$ .30c

### ORNAMENTAL CAGE

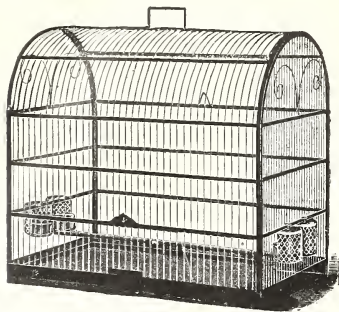
No. 231—Special brass cage, with or without the screen guards. This cage is indeed an ornament in any home and one that you will be proud to show to your friends.

Price, With Guard.....\$5.00 to \$8.00  
Without Guard.....\$4.00 to \$7.00



## See Our Pet Stock Remedies

LOOK FOR FLOWER SEED COLLECTIONS PAGE

**OBLONG CAGES**

For Canaries, Mocking Birds and Robins. These cages are all-metal and are thoroughly enameled, so that they are absolutely vermin-proof. They have a drawer base that may be pulled out to clean the cage. We stock three sizes. Prices:  
 No. 82—About 16 inches long.....\$6.50  
 No. 84—About 20 inches long.....9.50

**CAGE BRACKETS—**  
 Heavy brass .....50c

**CAGE BRACKETS—**  
 Light brass .....25c

**CAGE SPRINGS**

Medium weight .....30c  
 Light weight .....20c

**DOUBLE CAGE SPRINGS**

This spring is for extra heavy cages and is so constructed that it prevents cages from swinging around.

Price, each, postpaid.....50c

## Dog and Cat Remedies and Supplies

# THEY FIGHT FOR SPRATT'S



A dog likes a change in diet as well as a human. All dogs like Spratt's Ovals, Spratt's Fibo is a granulated food and mixes readily with table scraps. All dogs eat and thrive on Fibo.

**DOG CHOW****KEN-L-RATION****Spratt's Dog Foods**

(Cartons)

	Net Wt.	Shp. Wt.	Each
Dog Cakes .....	2 lbs. 13 oz.	4 lbs.	\$0.45
Puppy Cakes .....	2 lbs. 4 oz.	4 lbs.	.50
Ovals, medium pkg.....	1 lb. 15 oz.	3 lbs.	.45
Ovals, large pkg.....	4 lbs.	5 lbs.	.80
Fibo (granulated).....	2 lbs. 4 oz.	4 lbs.	.50
Charcoal Cakes .....	1 lb. 15 oz.	3 lbs.	.50
Cod Liver Oil Cakes.....	2 lbs. 6 oz.	4 lbs.	.50

(Postage extra as per shipping weight)

**Spratt's Dog Foods (in bulk)**

(Buy in Bulk and Save Money)

**SPRATT'S DOG Cakes (bulk)**

1 lb. ....	\$ 0.20	25 lbs. ....	\$ 3.45
5 lbs. ....	.85	50 lbs. ....	6.75
10 lbs. ....	1.50	100 lbs. ....	13.25

**SPRATT'S OVALS (bulk)**

1 lb. ....	\$ 0.25	25 lbs. ....	\$ 3.70
5 lbs. ....	.85	50 lbs. ....	7.25
10 lbs. ....	1.70	100 lbs. ....	14.25

**Ken-L-Ration**

THE ORIGINAL CANNED FOOD FOR DOGS

A complete food requiring no preparation whatever. Open the can and serve on a clean paper or dish. In cold weather the food may be warmed by immersing the can for a moment in hot water. The product contains a high percentage

**BUY THE BEST—WE DO**

of meat, serial, calcium, phosphate, and cod liver oil in light proportion to make a scientifically balanced food for dogs and all carnivora. It positively contains no filler—neither is it a medicated food. Your dog will make full and complete use of every particle of Ken-L-Ration and will show a general improvement in condition almost immediately. 1 lb. can 20c; 6 cans, \$1.00; case of 48 1-lb. cans, \$6.50, f. o. b. Phoenix.

**Pup-E-Ration**

Contains red meat, organic iron, calcium sulphate, Norwegian cod liver oil and marrow fat—the elements necessary for growth of body, bone and coat. This is a perfect food for puppies. 1-lb. can, 25c; 5 cans, \$1.00; case of 48 1-lb. cans, \$7.50, f. o. b. Phoenix.

**Kit-E-Ration**

The cat food supreme. This canned preparation is a wonderfully balanced ration ready to serve. The ingredients contain properties so very essential for the growth and development of the cat or kitten. 6-oz. can, 10c; 1-lb. can, 20c; 5 1-lb. cans, \$1.00; case of 48 1-lb. cans, \$6.50, f. o. b. Phoenix.

**WE ARE HEADQUARTERS FOR PET STOCK**



## SPRATT'S CAT FOODS

Cat Food, plain, pkg.	50c
Cat Food, with fish, pkg.	50c
Cat Food, with milk, pkg.	50c
(Add postage for 3 lbs.)	
Small packages (add postage for 2 lbs.)	30c

## BENNETT'S MALTOID MILK BONE DOG BISCUITS

A scientifically compounded and perfectly balanced ration composed of all the good things which a dog enjoys.	
Maltoid Dog Bone Biscuits, pkg.	45c
Maltoid Puppy Bone Biscuits, pkg.	45c
(Postage extra for 3 lbs.)	

## SPECIALTY FOODS FOR PUPPIES

Spratt's Plain Puppy Meal	\$.50
Spratt's Orphan Puppy Food	.65
Spratt's Pupplac (milk) 10 oz.	.50
Spratt's Pupplac (milk) 1½-lb.	1.00
Spratt's Malted Puppy Food	.50
Pepsinated Puppy Meal (small)	.50
Pepsinated Puppy Meal (large)	.90
Add 10c postage	

## Spratt's Dog Remedies

	Post-	paid
Alternative Cooling Tablets	\$.50	\$.55
Anti-Rickets Tablets	.50	.55
Anti-Asthmatic Tablets	.50	.55
Anti-Vomit Tablets	.50	.55
Bone Builder	.75	.85
Cheese Tablets	.50	.55
Constipation Tablets	.50	.55
Consumption	.50	.55
Diarrhoea Tablets	.50	.55
Digestive Tablets	.50	.55
Influenza Tablets	.75	.80
Ear Canker Ointment	.50	.55
Eye and Mange Ointment	.50	.55
Eye Lotion	.50	.55
Hair Stimulant	.50	.55
Kidney Tablets	.50	.55
Liniment	.50	.55
Liver Tablets	.50	.55
Pneumonia Tablets	.50	.55
Puppy Influenza Tablets	.75	.80
Puppy Tonic and Condition	.50	.55
Purgative Tablets	.50	.55
Rheumatism Tablets	.50	.55
Tonic and Condition Tablets	.50	.55
Worm Capsules, for Dogs	.50	.55
Worm Capsules, for Puppies	.50	.55

## Clayton's Cat Remedies

A TREATISE ON THE CAT  
By George Clayton

	Post-	paid
Blood Purifying and Cooling Tablets, for all blood diseases, mange, eczema, etc.	\$.60	\$.65
Canker Lotion Tablets, For all diseases of the ear	.60	.65
Cough Remedy, For Coughs.	.60	.65
Diarrhoea Tablets	.60	.65
Disorders, for vomiting	.60	.65
Tablets, For Influenza	.60	.65
Eye Lotion Tablets, For diseases of the eyes	.60	.65
Fit Tablets, For fits	.60	.65
Laxative Tablets, Acts directly on the liver and secretions	.60	.65
Mange Remedy, For all forms of skin disease. (Cannot be mailed)	.75	
Mouth Wash, For all ulcerated conditions of the mouth	.60	.65
Soap—Kilfliea	.35	.40
Tape Worm Expeller Tablets, Will expel the tape worm	.60	.65
Tonic Catnip Condition Tablets	.60	.65
Vermifuge (liquid)	.60	.65
Wash and Disinfectant, Kills fleas, disinfests.	.60	.65
Worm Tablets, Will expel worms.	.60	.65

**CATNIP MICE**—Their object is to afford amusement to and benefit the health of cats. In endeavoring to catch the catnip it induces the cat to exercise. If you value kitty's health, give it a Catnip Mouse, 15c each, postpaid.

## Spratt's Cat Remedies

	Post-	paid
Cat Worm Capsules	\$.50	\$.55
Cat Tonic and Condition	.50	.55
Cat Purgative	.50	.55

**BUY THE BEST—WE DO**

## SPRATT'S SOAPS FOR DOGS

White Dog Soap	\$.25	\$.30
Antiseptic Soap	.50	.55

SPRATT'S CELEBRATED COMBS  
for Dogs and Cats

	Postpaid
No. 0 Comb (flea)	\$.150
No. 7 Comb (flea—double)	.175
No. 8 Comb (flea—short)	.125
No. 4 Comb (coarse)	.150

## PEDIGREE BLANKS (Dogs and Cats)

	Postpaid
Spratt's Dog	.3c each
Spratt's Cat	.3c each
25c per Dozen	

## Clayton's Dog Remedies



BOOK ON DOG DISEASES—AND HOW TO FEED—FREE

	Post-	paid
Blood Purifying Pills	\$.60	\$.65
Condition Pills, with Pepsin	.60	.65
Canker Lotion	.60	.65
Canker Lotion (Tablets)	.60	.65
Cough Cure	.60	.65
Cooling Dog Wash	.60	.65
Cooling Dog Soap	.25	.30
Condition Pills, with Pepsin	.60	.65
Influenza Tablets	.60	.65
Digestive Tablets	.60	.65
Diarrhoea Cure	.60	.65
Diarrhoea Cure (Tablets)	.60	.65
Dog Soap—Kilfliea	.25	.30
Eye Lotion	.60	.65
Eye Lotion (Tablets)	.60	.65
Fit Cure	.60	.65
Fit Cure Tablets	.60	.65
Gout Cure	1.00	1.05
Mange Cure (Cannot be mailed)	.75	
Puppy Tonic	.60	.65
Rheumatic Tablets	.60	.65
Shampoo	.30	.35
Sulphur Tablets	.60	.65
Tape Worm Expeller	.60	.65
Vermifuge (Liquid)	.60	.65
Vermifuge (soft capsules)	.60	.65
Worm Pills	.60	.65

## Delcrea Dog Remedies

**Delcrea**—For Influenza, Pneumonia, Black Tongue, Colds, Diarrhoea, Auto-intoxication and other diseases of germ origin. A powerful, non-poisonous germicide in liquid form, easily absorbed by the digestive organs. Unequalled as a tonic and conditioner. 4 oz., \$1.50; 16 oz., \$5.00.

**Delcrea Tonic and Conditioner**—2 oz., 75c.

**Soluble Sulphur Compound**—For canker of the ear, eczema, rheumatism and all blood disorders attributed to acids. A mild antiseptic alternative and blood purifier in liquid form. 2 oz., 60c; 4 oz., \$1.00.

**Soluble Sulphur Compound Capsules**—A tonic and blood purifier. Box of 20 capsules 65c; box of 40 capsules, \$1.00.

**Soluble Sulphur Compound Bath**—For fleas, mange, eczema, etc. Invigorating, antiseptic bath liquid; stimulates skin and hair follicles; gives lustre to the coat. 4 oz., \$1.00; 16 oz., \$3.00.

**Delcrea Ointment**—For mange, wounds, cuts, sores, etc., soothing and healing, antiseptic salve. Oz., 50c; 4 oz., \$1.50.

**Sulphiminol**—A tonic laxative of pure white mineral oil and soluble sulphur compound. For general and chronic constipation. 4 oz., 50c; 16 oz., \$1.50.

**Delcrea Dog Soap**—For cleansing and stimulating the skin and coat. A pure neutral soap. 4 oz. cake, 25c.

**Delcrea Eye Lotion**—2 oz., 60c.

**Delcrea Roundworm and Hookworm Capsules**—Box 60c.

**90% OF ALL ORDERS FILLED ON DAY RECEIVED**

**Delcree Laxative**—Especially for use with Delcree worm capsules. A liquid. 4 oz., 30c.  
**Delcree Tapeworm Tablets**—Box of 12 tablets, 75c.  
**Delcree Vermifuge**—A mild vermifuge. For worming very young puppies and ailing dogs and for whipworm in mature dogs. A liquid. 2 oz., 60c.  
**Delcree Flea Powder**—For fleas and lice; 3 oz. tin, 50c.  
**Delcree Vitamin Tested Cod Liver oil with Phosphor and Lactate of Lime.** Pints, \$1.25; quarts, \$2.00.

### Glover's Mange Medicine

Known everywhere as the standard. Bottles, 75c, not postpaid.

### Glover's Improved Medicated Soap

Very popular for treating the human scalp. Bar 25c, not postpaid. We carry a full line of Glover's Dog and Cat Remedies.

### Collars, Harness, Etc., for Dogs and Cats

We carry a very complete line of collars, harness, sweaters, blankets, muzzles, chains, leashes, brushes and combs. Prices on application.

### Flower Pots and Hanging Baskets

All Crockery F. O. B. Phoenix



#### FLOWER POTS

	Each	Doz.
4-inch	\$0.10	\$1.00
5-inch	.15	1.50
6-inch	.25	2.00
8-inch	.50	—
10-inch	1.00	—

#### BULB POTS

	Each	Doz.
5-inch	\$0.15	\$1.50
6-inch	.25	2.00
7-inch	.40	3.00



#### SAUCERS

	Each	Doz.
4-inch	\$0.05	\$0.50
5-inch	.10	1.00
6-inch	.15	1.50
7-inch	.20	1.75
8-inch	.30	—

#### HANGING BASKETS

Earthenware Hanging Baskets are especially desirable for Sprenger Ferns. They are very ornamental and a hanging wire with hook is furnished with each basket. 8-inch, \$1.00; 10-inch, \$1.50; 12-inch, \$2.25. By express or freight.



#### WIRE HANGING BASKETS

For Asparagus Fern, Oxalis or other trailing plants. 8-inch, 50c; 10-inch, 65c; 12-inch, 75c; 14-inch, \$1.00. Moss for lining wire baskets, per lb., 50c.

See Our  
Book Section

BUY THE BEST—WE DO

Introducing the new

## Cactus Brand Strain

After careful selection and close attention to seed stock, we are offering a new superior strain of **MILK MAIZE, HEGARI, and JUNE CORN** which we have named the **CACTUS BRAND STRAIN**. Our seed has been taken from carefully rogued fields of high quality as well as high quantity production. You will find in growing crops from these seeds higher yields than you are accustomed to, as well as pure type grains instead of mixtures which are somewhat prevalent in most seed stocks offered.

## Cactus Brand Maize

### The Greatest Grain Sorghum

**CACTUS BRAND MAIZE** is a new distinct strain of highly selected and field rogued maize. It should be planted at the rate of 2½ to 3 pounds to the acre in drills 3 feet apart. Planting this quantity requires two seeds to be dropped every 24 inches, which distance will allow for stooling. The usual custom is to plant with a lister, on previously irrigated land, with sufficient moisture to germinate the seed. The first cultivation may be with a harrow, and should be followed later by an implement that will gradually fill the lister row and leave a dust mulch.

This seed has been rogued in the field, selected, re-cleaned and thoroughly screened, thereby eliminating all small, imperfect and immature seeds.

The common tendency is to plant too much seed per acre, therefore we urge you to follow these directions closely and obtain maximum results. Per lb., 15c; 5 lbs., 50c; 10 lbs., 70c; 50 lbs., \$3.00; 100 lbs., \$5.50. Express or postage extra.

## Cactus Brand Dwarf Milo Maize

### FIELD ROGUED

**CACTUS BRAND DWARF** is our new strain of Dwarf Milo Maize. This is a heavy producing, highly selected strain growing waist high and very uniform, thereby making a crop which is easily harvested. It produces a large yield per acre it produces large well-filled heads that give us the maximum yield we are all looking for. Our method of thoroughly re-cleaning and screening our seed stock eliminates all small and immature seeds. Cactus Brand Dwarf should be planted and cultivated in the same manner as our famous Avondale Milo Maize. Per lb., 15c; 10 lbs., 75c; 50 lbs., \$3.50; 100 lbs., \$6.00. Express or postage extra. See inside front page for zone rates.

## Cactus Brand Hegari

### Grain, Forage and Silage Combined

Our Arizona Cropper Hegari is carefully grown, selected and re-cleaned for seed

Hegari is one of the most reliable and profitable crops for the arid Southwest.

Our new strain is slightly shorter than ordinary Hegari, giving a proportionately larger head development.

Unlike most other grain sorghums, Hegari not only produces a heavy crop of grain, but because of the sweet, juicy stalk and foliage it has the added feature of making good pasture or roughage and excellent silage. The heads mature in about 115 days from planting and the stalks remain green much longer, making excellent forage, which all kinds of stock relish and which they will eat to the ground. The average grain yield of Hegari seems to be about 3,000 pounds of threshed grain per acre, and we think with our selected seed and good cultivation that this yield may be materially increased. Hegari grows about five feet high, produces a long, well-filled head, resembling Milo Maize. It should be planted in rows three feet apart at the rate of three pounds to the acre. It is drought-resistant, but will respond wonderfully to cultivation and irrigation.

Our seed is grown from head selected stock and is systematically rogued in the field. The cost of planting Cactus Brand Hegari is very small, and taking yield into consideration, it would be expensive to plant any other. Per lb., 15c; 5 lbs., 50c; 10 lbs., 70c; 50 lbs., \$3.00; 100 lbs., \$5.00. Postage or express extra. See inside front cover for zone rates.

### Feterita

The two best features about Feterita are its wonderful ability to resist drought and its earliness. It proves its

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## Miscellaneous Field Seeds

### Quantity Prices and Samples on Request

#### WHEAT

**EARLY BAART WHEAT**—The best strain of milling wheat. Plant from October to March. Yields very heavily.

**CLUB WHEAT**—The most popular soft spring wheat. Many planters claim greater yields than from any other strain. This wheat is beardless.

**SONORA WHEAT**—Another popular spring beardless wheat. The long heads make it resist smut and rust. Sonora Wheat can be planted the latest of all varieties.

#### BARLEY

After three years of experiments we are offering Beardless Barley for pasture use. We have found this barley to grow faster than the Bearded variety; to produce more tonnage because of wider and thicker leaves, and to be more succulent and edible to stock because of the entire lack of beards. We recommend Beardless Barley for pasture unqualifiedly. For grain crop the old bearded variety has yet to be beat, since beardless does not make a profitable yield of grain.

Write or ask for prices and quantity to plant.

#### OATS

We offer four grades of Seed Oats: Local Grown White Oats and Local Grown Red Oats for hay and pasture purposes; Imported Texas Red Rustproof Oats and Imported Nebraska White Oats for grain crops. We suggest White Oats for early planting but Red Oats undoubtedly do better for spring planting.

Prices on application.

#### ALGERIA

A new grain. Rivals our Hegari, only that it produces more grain. Heads are from 13 to 18 inches and weigh as high as two pounds each. Stalks grow from 4 to 5 feet high. Live stock will eat the entire stalk with relish and will seek it out from among other grain. Plant from 4 to 6 pounds to the acre.

Prices on application.

#### DWARF ESSEX RAPE

Recommended as a pasture for sheep and hogs, furnishing fine pasture in six to eight weeks after planting. Rape is best sown in drills at the rate of five pounds per acre. Lb., 30c; 10 lbs., \$2.50, postpaid.

#### SUNFLOWER

Single heads measure 15 to 20 inches in diameter, and contain an immense amount of seed, which is highly valued by poultry breeders as poultry feed. Lb., 30c; 10 lbs., \$2.25, postpaid.

#### GOLDEN MILLET

An excellent catch crop. May be planted as late as September 15 in the Salt River Valley and still produce a good crop of hay. Sow 30 pounds per acre. Lb., 20c; 10 lbs., \$1.50, postpaid.

#### WINTER RYE

Grown here only as a winter pasture crop since it does not make grain profitably. We cannot recommend Rye very highly for pasture since barley or oats consistently out-produce it. Prices on application.

#### VETCH

Sow 40 pounds per acre with grain. Is hardy and makes a fine winter growth. Largely planted in the orange groves of the South for green manure, and plowed under in the spring. Lb., 20c; 10 lbs., \$1.50, postpaid. Write for quantity prices.

#### PEANUTS

A valuable soil renovator to sow in young orchards as a pay crop until the orchard comes into bearing.

**SPANISH HULLED**.....Lb., 35c; 10 lbs., \$3.00

**VIRGINIA BUNCH**.....Lb., 30c; 10 lbs., \$2.50

Postpaid to 1st, 2nd and 3rd zones.

BUY THE BEST—WE DO

## Sweet Sorghums

### For Syrup and for Forage

#### MAKE YOUR OWN SYRUP

The sweet sorghums are distinguished from the grain sorghums by the fact that the juices are very sweet and sugary and the substance of the stem is very digestible. The juices are used for making syrups, and they are also planted for forage. We recommend planting for syrup, as small syrup mills are operating in various sections.

**HONEY DRIP SORGHUM**—This is a variety that is most popular as a syrup cane. It has long, slender, reddish heads and grows to a height of 8 to 12 feet, producing a heavy tonnage. It is not particular as to soil. For syrup purposes plant in rows far enough apart to allow cultivation. It requires about 10 pounds of seed to the acre planted in this manner, or 40 broadcast. Price: Lb., 25c; 10 lbs., \$2.00, postpaid. Ask for quantity price.

**TEXAS SEEDED RIBBON**—Another of the sweet sorghums and one very commonly used for syrup. The seed we have is the crockneck strain. Lb., 25c; 10 lbs., \$2.00, postpaid. Ask for quantity price.

**EARLY AMBER**—The most popular variety for hay and pasture purposes. It furnishes a large yield of most nutritious forage, being very rich in saccharine matter. It intended for hay it should be sown broadcast at the rate of 40 pounds per acre and cut when the seed is in the dough. When grown as a crop for seed, sow in drills 3 feet apart and cultivate. Planted in this manner, it requires 5 pounds of seed per acre. Lb., 20c; 10 lbs., \$1.75, postpaid. Write for quantity price.

**CLUB TOP CANE**—This variety is very vigorous and produces a heavy growth of foliage. It stools readily and has proven an excellent variety for hog pasture. Club Cane has been used as much as 5 tons of hay per acre. Broadcast 40 pounds per acre. Lb., 25c; 10 lbs., \$1.75, postpaid.

Write for quantity price.

### Hog or Broom Corn Millet

This millet has the branching head, resembling broom corn, hence the name. It is a very early variety, ripening in from 50 to 60 days from time of sowing. The seed ripens while the fodder is yet green, so it can be cut and used for both hay and seed with good results. It is a sure cropper and makes excellent feed for hogs and poultry. Per lb., 15c; 10 lbs., \$1.00, not postpaid.

## Grass Seeds

#### SUDAN GRASS—For Pasture or Hay

For quick Summer pasture, Sudan Grass surpasses anything in the grass line. Planted as soon as danger of frost is over in the Spring, it may be pastured in forty to fifty days after planting and continuously thereafter until frost kills it in the Fall.

It is relished by all stock and as a milk producer has few equals. Broadcast it requires 30 pounds of seed to sow an acre. Our seed is produced outside the Johnson Grass belt and is first-class in every respect. Per lb., 25c; 10 lbs., \$2.00, postpaid. Ask for quantity price.

#### Rhodes Grass

An Australian grass which grows readily on sandy or light soils. Grows thickly, producing from 5 to 10 tons of fine quality hay. It is very palatable to stock, easy eradicated when desired, and very highly recommended by farmers who have grown it. Lb., 75c; 10 lbs., \$6.50, postpaid.

#### Brome Grass—Bromis Inermis

##### A Wonderful Drought Resistant Grass

Recent experiments are proving that this grass is most satisfactory in all localities where arid soils demand a plant that will stand the drought. Its nature is to stool and it seldom produces seed the first year. It has proven an excellent pasture grass for general range purposes. Lb., 35c; 10 lbs., \$2.50, postpaid. Write for quantity price.

**BERMUDA GRASS**—May be used for pasture or for lawn in Southern climates. Most everyone is familiar with this grass. It requires three weeks under favorable conditions to germinate Bermuda Grass and it should be kept thoroughly soaked during that time. Insufficient water will simply start the seed and kill the tiny roots before the plant can establish itself. Be careful about this. Plant for lawn 1 pound to 500 square feet. Lb., 60c; 10 lbs., \$5.00, postpaid. Write for quantity price.

**RED TOP PASTURE GRASS**—Another pasture grass for the higher altitudes. Succeeds on all soils from moist to swampy land, making a permanent pasture, and furnishing a highly nutritious feed. Hulled seed. Sow 15 pounds per acre. Lb., 40c; 10 lbs., \$3.75, postpaid. Write for quantity price.

INOCULATE FIELD SEED WITH McQUEEN'S INOCULATOR



**TIMOTHY**—Much Timothy is sown in our higher altitudes throughout the Southwest, where it is quite successful. We carry a stock of acclimated seed for this section and would be glad to send samples and quote prices on request. It requires 15 pounds per acre when sown alone. Lb., 25c; 10 lbs., \$2.00, postpaid. Write for quantity price.

**ORCHARD GRASS**—A valuable pasture grass for the higher altitudes of Arizona; produces an immense quantity of forage and hay of the best quality. After being cut it comes up quickly and yields heavily. Sow 35 pounds per acre. Lb., 45c; 10 lbs., \$4.00, postpaid. Write for quantity price.

**PINTO BEANS, Mexican**—The leading commercial bean of the West. The Pinto Bean will grow on dry land and yields as high as 1,100 pounds per acre have been reported. While on irrigated land 2,500 lbs. have been secured on one acre. It is easily grown and requires little attention. There is now an established demand from Eastern and Southern markets for this variety. Lb., 20c; 6 lbs., 75c; 10 lbs., \$1.25, not postpaid.

## Cactus Brand Alfalfa Seed

Superior to All Others

Quantity Prices and Samples on Request

### CHILIAN or COMMON ALFALFA

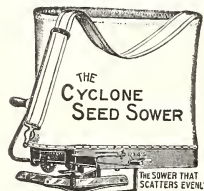
This variety has been grown in Arizona for years and is so well known to require description. Fifteen pounds is usually sufficient to plant an acre. If planted in the fall, September and October are the best months for planting, and February and March the best months for spring planting.

WRITE FOR PRICES

### HAIRY PERUVIAN ALFALFA

HAIRY PERUVIAN possesses all the good qualities of other alfalfas and in addition is a very heavy producer. The stems are covered with a hairy-like growth from which it gets its name. This growth, it is claimed, protects the stem in frosty weather, thereby making possible a continued growth very late in the season and an early growth in the spring.

WRITE FOR PRICES



### CYCLONE SEEDER

Thirty to 40 acres of alfalfa, millet, etc., can be sown in a day with this little machine. It broadcasts evenly and can be used with perfect success.

Each, \$2.60, postpaid.

### MACABEE GOPHER TRAPS

The most popular trap in the market. Made of strong steel wire. Each, 25c; per dozen, \$2.75.

## Fields Peas and Beans

QUANTITY PRICES AND SAMPLES ON REQUEST

### WHIP-POOR-WILL COW PEAS

As a soil renovator and a fertilizer, ideal for orchards and summer cover crop. They should be planted at the rate of thirty pounds to the acre, in rows three feet apart. Price: Lb., 25c; 10 lbs., \$1.75, postpaid.

### BLACK-EYED PEAS

This variety does exceptionally well in this section. It is easy to grow and produces dry peas any crop and should be sown with any other variety. Makes valuable hay crop and cannot be excelled for turning under for fertilizer. Price: Lb., 25c; 10 lbs., \$1.75, postpaid.

### CANADIAN FIELD PEAS

In this section Canadian Field Peas will grow throughout the winter. They make a wonderful hay crop and should be cut when just forming pods. Plant 40 pounds to the acre. Price: Lb., 25c; 10 lbs., \$2.00, postpaid.

### PINK BEANS or FRIJOLES

This is a common commercial bean of the Southwest. More of this variety is handled on the markets in Arizona than all other varieties together. It is very dry and resistant to yields heavily, and is the best variety that can be grown under irrigation in this state. Plant 25 to 30 pounds to the acre. Price: Lb., 25c; 10 lbs., \$1.75, postpaid.

Write for quantity prices.

BUY THE BEST—WE DO

## Sweet Clover

(*Melilotus Alba*)

or WHITE BLOSSOM SWEET CLOVER

SWEET CLOVER is used for hay, pasture and green manure as well as fertilizing and renovating worn-out and alkaline soils. It may be killed when desired by mowing when in bloom. Sow in the Spring or Fall at the rate of 20 to 25 pounds to the acre. Scarified Seed, per lb., 30c; 10 lbs., \$2.50, postpaid. Write for quantity prices.

## Melilotus Indica

(Sour Clover)

A Clover Native to the Salt River Valley

MELILOTUS INDICA is the best legume with which to build up your soil. It is easily plowed under and very rich as a fertilizer. As a cover crop in citrus groves it has no equal. We offer only the best quality, thoroughly cleaned and scarified seed. Per lb., 15c; 10 lbs., \$1.25, postpaid. Write for quantity prices.

## Poultry and Stock Feeds, Remedies and Supplies

Write for Prices

FEED OATS	SCRATCH FEED
GROUND OATS	LAYING MASH
STEAM ROLLED OATS	DAIRY FEED
MEAT SCRAPS—Darling's	CHICK STARTING MASH
MEAT SCRAPS—Peterson's	CHICK GRAIN
POULTRY BONE MEAL	GROWING MASH
POULTRY CHARCOAL	WHOLE FEED BARLEY
LINSEED MEAL	ROLLED BARLEY
BEEF PULP	GROUND BARLEY
OYSTER SHELL	FEED WHEAT
GRANITE GRIT	BRAN
COTTONSEED MEAL	SHORTS
AND CAKE	CORN—Whole, White or Yellow
ALFALFA LEAF MEAL	CRACKED CORN
SEMI-SOLID BUTTERMILK	GROUND CORN
DRIED BUTTERMILK	WHOLE MILO MAIZE
DAIRY SALT	GROUND MAIZE
PLAIN AND SULPHUR	
SALT—50-lb. blocks	

### Blatchford's

CHICK MASH	CALF MEAL
10-lb. bag ..... \$1.00	Good to the last drop.
25-lb. bag ..... 1.75	Use it on our recommendation.
50-lb. bag ..... 3.25	
100 lbs. .... 6.00	25-lb. sack ..... \$1.75
	50-lb. sack ..... 3.25
	100-lb. sack ..... 6.00

F. O. B. Phoenix—Postage or Express Extra.

FLEISCHMAN'S DRIED YEAST for Poultry—A dry, highly-concentrated vitalizer, especially adapted for animals and poultry. 2½-lb. can, \$2.00, f. o. b. Phoenix.

### Conkey's Poultry Remedies

Known All Over the World—The Poultryman's Standby.

Keep a Few Select Remedies Always at Hand Ready for Emergency.

#### CONKEY'S BALMO

(Formerly called Conkey's Canker Special)  
Pkgs., 60c; pint, \$1.55; quart, \$2.50; gallon, \$8.00. Small sizes prepaid, other sizes express collect.

#### CONKEY'S SALVO

(Formerly called Sorehead Remedy)  
Pkgs., 25c, or 30c, postpaid.

#### CONKEY'S SCALY LEG REMEDY

Pkgs., 30c, postage extra.

#### CONKEY'S LICE POWDER

(Contains Sodium Fluoride)  
Pkgs., 35c, 75c; pails, 12 lb., \$2.60; 25 lb., \$5.00. Parcel post, express or freight extra.

#### CONKEY'S MITE LIQUID

Cans, qt., 60c; 2-qt., 90c; gallon, \$1.50; 5-gal., \$7.00. Parcel post, express or freight extra.

#### CONKEY'S HEAD LICE OINTMENT

Pkgs., 15c, 30c, postpaid.

**CONKEY'S NOX-I-CIDE**

(Dip and Disinfectant)

Colorado and West—Cans, pt., 60c; qt., 90c; 2 qts., \$1.50; 1 gal., \$2.25; 5 gal., \$10.50; 10 gal., \$19.00. Parcel post, express or freight charges extra.

**CONKEY'S FLY KNOCKER**

Cans, qt., 80c; 2 qt., \$1.35; gal., \$2.00; 5 gal., \$9.00; 10 gal., \$17.00. Parcel post, express or freight charges extra.

**CONKEY'S STOCK TONIC**

Pkgs., 30c, 60c, \$1.20; pails, 12 lb., \$2.75; 25 lb., \$4.50; bags, 50 lbs., \$7.25; 100 lbs., \$13.00. Parcel post, express or freight charges extra.

**CONKEY'S POULTRY TONIC**

Pkgs., 1/2 lbs., 30c; 3/4 lbs., 60c; 7 lbs., \$1.20; pails, 12 lbs., \$2.25; 25 lbs., \$3.75; bags, 50 lbs., \$7.00; 100 lbs., \$13.00. Parcel post, express or freight charges extra.

**CONKEY'S OLD RELIABLE POWDER**

(Formerly Conkey's Roup Remedy)

Pkgs., 30c, 60c, \$1.20; 1/2-lb. can, \$2.50, all postpaid; 5-lb. can, \$5.75; \$6.00 postpaid.

**CONKEY'S PILLS**

(Formerly called Conkey's Roup Pills)

Pkgs., 30c, 60c, \$1.20, all postpaid; breeder size, \$3.00, \$3.25 postpaid.

**CONKEY'S DIATEX**

(Formerly called Conkey's White Diarrhea Remedy)  
Pkgs., 30c, 60c, \$1.20, all postpaid; breeder size (950 tablets), \$4.00, \$4.10, postpaid.

**CONKEY'S POULTRY WORM REMEDY**

(For Large Round Worms)  
Pkgs., 25c, 50c, or 30c; 55c, postpaid; breeder size (5 lbs.), \$2.75, \$2.85, postpaid.

**CONKEY'S Y-O-COD LIVER OIL—AND SUNLIGHT**  
1-lb. pkg., 60c; 2-lb. pkg., \$1.10; 5-lb. pkg., \$2.25; 25-lb. drum, \$9.00; 50-lb. drum, \$16.00; 100-lb. drum, \$27.50.

## Poultry Supplies

**HUMPTY DUMPTY EGG CARRIERS**

Humpty Dumpty Egg Carrier

Made in sizes to hold 3, 6 and 12 dozen eggs respectively. The best returnable shipping crate on the market and a handy crate to deliver eggs to the market.

Complete with pasteboard fillers:  
3-doz. size, each.....\$0.60  
6-doz. size, each......90  
12-doz. size, each.....1.10  
Postage extra.



**ANDERSON EGG BOXES**—Take no chances on breakage. Anderson Parcel Post Egg Carriers will protect you against loss. 15-egg size for hatching eggs, each 35c; 30-egg size for hatching eggs, 50c.

**MARKET EGG CARTONS**—2x6 and 3x4. Heavy Cardboard Cartons holding one dozen eggs. 1 doz., 35c; \$2.50 per 100; 50 at the hundred rate. Postage extra.



**OLLA FOUNT**—Of porous stone ware, strong and durable. They are popular with poultrymen because they keep the water cool and refreshing; cannot be upset by the fowl and are easy to keep clean.  
1 qt., 50c; 2 qt., 75c; 4 qt., \$1.25.  
Postage or express extra.

**SANITARY FEED PANS FOR GROWN FOWLS**

Can be used for feed, wet mash or water. Barred top prevents wasting of feed. Made of the best galvanized iron in 3 sizes.

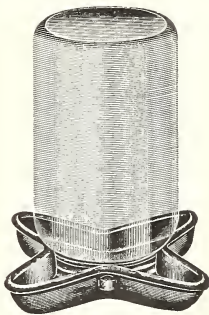
No. 21—12 inches long.....\$0.60  
No. 22—18 inches long......75  
No. 23—24 inches long.....1.00  
Postage or express extra.

**BUY THE BEST—WE DO****MOE'S DOUBLE FEEDING TROUGHS**

Sliding Top—Easily Cleaned  
For Chicks and Growing Stock

Made of best quality galvanized iron, accurately stamped with does. No sharp or rough edges to injure the chicks. Made in three sizes.

No. 58—12 inches long.....\$0.60  
No. 59—18 inches long......75  
No. 60—24 inches long.....1.00  
Postage or express extra.



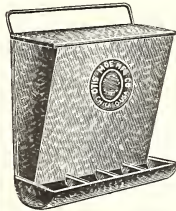
The Most Simple, Practicable  
and Durable Mason Jar  
Fountain on the Market.

Will fit pint, quart or one-half gallon Mason jar. Manufactured of one piece of non-rusting metal. No parts to come unsoldered. Leaking impossible. Convenient, cheap and sanitary. Provides greater drinking surface than the round fountain. Little chicks cannot get drowned. Can be used for feed as well as water. Manufactured in one size only.

Each, 15c; doz., \$1.65, postpaid.

**MOE'S CHICKEN FEEDER**

Great feed saver, as the little chicks cannot get into it and contaminate the feed. Can also be used for water. This is not a novelty, but a practical, well-made feeding device that will last for years. Made of the best grade of galvanized iron in two sizes. Small, 25c each; large, 35c each, postpaid.

**GRIT AND SHELL BOX**

Made of galvanized iron with three compartments; fitted with hinged lid and strong bail for hanging clear of litter; may be used for grit, shell, charcoal, bone or beef scraps.

2 Compartment.....\$0.60  
3 Compartment......75  
4 Compartment.....1.50  
Postage or express extra.

**BOTTOM FILL FOUNTAIN**

Easily Filled and Cleaned  
Postage extra.

1 qt. size.....\$0.50  
2 qt. size......75  
4 qt. size.....1.00

**PLANT OUR GIANT ZINNIAS**

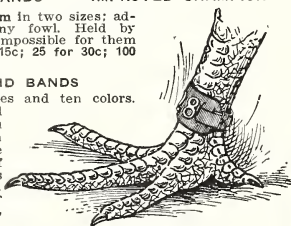
## LEG BANDS

## IMPROVED CHAMPION

Made of aluminum in two sizes: adjustable to fit any fowl. Held by double lock, it is impossible for them to be lost. 12 for 15c; 25 for 30c; 100 for 85c, postpaid.

## CELLULOID BANDS

Made in six sizes and ten colors. Light, durable and will stay where you put them. When ordering, please specify breed of chickens the bands are intended for. 12 for 15c; 25 for 30c; 100 for 85c, postpaid.



## NEST EGGS

## MEDICATED NEST EGGS

Contain a powerful disinfectant which is guaranteed to expel lice and vermin. 10c each; 95c doz., postpaid.

## PORCELAIN

We handle only the best grade of china nest eggs. 60c doz., postpaid.

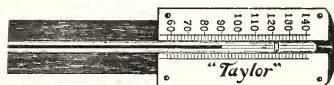


## PETTEY'S POULTRY PUNCH

One of the most convenient punches made. It is small and easy to operate, cutting a clean hole every time. Price 25c, postpaid.

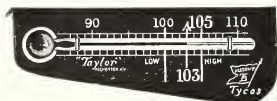


## THERMOMETERS



## BROODER THERMOMETER

When placed in a hole in top of brooder or hover, the scale may be read from the outside while the bulb of the thermometer is inside. Each \$1.25, postpaid.



## No. 5774. INCUBATOR THERMOMETER

Incubator Thermometers—Many persons using incubators and brooders fail to understand the importance of having a thoroughly tested and reliable thermometer. We have the famous Tyco's line, which are considered the best procurable.

No. 5774—Thermometer—Flat, each .....\$0.90  
No. 5770—Thermometer—With legs, each ..... 1.00  
No. 5732—Thermometer—Certified, each ..... 1.25  
Postpaid.

BUY THE BEST—WE DO



## TYCOS HYGROMETER

The amount of moisture required during a period of incubation varies and should be tested. This may be done accurately with a hygrometer. Each \$2.00, postpaid.

## Moe's Oat Sprouter

Provides the very necessary green feed at all seasons. Healthy chickens and more eggs.

The frame is of steel, well braced and neatly painted. Has six heavy galvanized iron pans. Five of the pans have perforated bottoms to secure the proper drainage, and the bottom pan is solid to hold the drippings. Pans are interchangeable. Sectional frame can be quickly taken apart and stored in a small space.

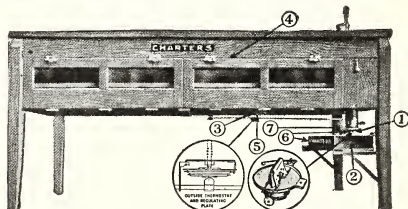
Packed knocked down, 1 in a crate. Shipping weight, 30 lbs.

Each, \$7.50, f. o. b. Phoenix.



## Charters Incubator

It is the only machine that hatches as well in a frame building as in the best incubator cellar. This is made possible by the double temperature control—an inside and outside thermostat.



Other outstanding features of the CHARTERS INCUBATOR are:

- 1—Trim the wick once a week only.
- 2—Fill the lamp once a week only.
- 3—Outside Thermostat takes care of outside changes of temperature.
- 4—Special Process for retaining moisture.
- 5—Charters Burner and big tank reduce the fire risk.
- 6—Flame control reduces oil consumption.

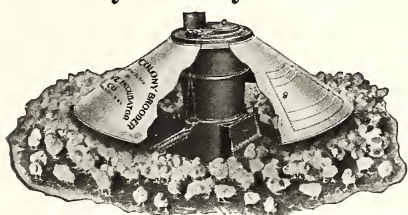
CHARTERS INCUBATORS are made with oil or electric heating plants and also with both.

Four sizes only:	Electric or Oil	Combination Oil and Electric
540-Egg Size .....	\$90.00	\$105.00
405-Egg Size .....	75.00	90.00
270-Egg Size .....	65.00	80.00
135-Egg Size .....	55.00	70.00

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## Buckeye Colony Brooders



This is a New and Improved Design of Brooder Stove. We have studied the Brooder Stove situation in this country for several years and have come to the conclusion that the coal burner is the most reliable and surely the most satisfactory stove for our climatic conditions. In the first place it is the most economical. We have proved by tests that the Buckeye Colony Brooder runs the season on less than half the expense of our oil-burning stoves. The great objection to a coal-burning brooder stove is the fact that it burns coal, but we have proven to our own satisfaction that the saving in fuel, the absolute reliability and the convenience of the Buckeye Colony Brooder make it easily the most desirable brooder stove. Brooding chicks in Arizona is a serious problem. So many folks think that because the sun shines seven days in the week in a moderate climate that it is not necessary to make elaborate preparations for brooding, but that idea is all wrong. A chick that gets chilled is a weakling, its growth is stunted and it is subject to white diarrhoea. On the other hand, if they are kept warm and brooded, the loss is very much less and a strong, healthy brood is the result. The original investment in a brooder stove may seem large, but if one stops to think that the loss of 200 chicks in a season will probably cover the original investment and the equipment is still good for years to come. Good brooding is just as important as good hatching, and the Buckeye Colony Brooder will do the job right.

No. 117—350-Chick Capacity .....	\$18.50
No. 118—500-Chick Capacity .....	23.50
No. 119—1000-Chick Capacity .....	22.50

### SUPPLIES FOR QUEEN COLONY BROODER STOVE

#### CORRUGATED ELBOWS

No. 115—Corrugated Elbows. Diameter 3 in. Black. 30c each.

#### CHIMNEY COLLARS

No. 117—Chimney Collars. Size 6x3 inches. 15c each.

#### SMOKE PIPE FOR BROODER STOVES

Smoke Pipe—Diameter, 3 in. Black sheet iron, in 2-ft. lengths. Price per length, 35c each.

## Insecticides and Poisons

### Poisons Cannot Be Sent by Mail

**POISON MIXTURES**—We will furnish on request formulas for any mixtures desired in combating insects and plant diseases. Write us fully regarding any difficulty you may be having and we will give you expert advice.

### Grass Hopper Poison Mash

- 1 pound Paris Green or 1 1/4 lbs. White Arsenic
- 2 quarts molasses (cheap Black Strap)
- 3 ounces Amyl Acetate
- 4 gallons water
- 25 lbs. bran.

Stir the Paris Green, molasses and ester first; then add Amyl Acetate to the liquid. Next slowly pour this mixture over the bran and stir until an even mixture is secured. We are headquarters for any of the above ingredients.

### White Arsenic

Used principally for making poison mash bait for grass-hopper infestations. Price 1 lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.75; 25 lbs., \$3.75. f. o. b. Phoenix. Cannot be mailed.

### Nico Dust

Insure your crops with the intelligent use of Nico Dust. Nico Dust is a dry powder which, applied with a blower, affords a material saving in time, labor and expense. A trial will convince you that it is both effective and economical. Our best recommendation is the hundreds of repeat orders we receive each season for use in combating Aphids on melon vines.

**BUY THE BEST—WE DO**

### GENERAL DIRECTIONS FOR APPLYING

Do not wait until the pests become abundant because by that time great damage has been done. Get a good dusting machine and dust the plants thoroughly. Apply direct to infected portions of the plants. "Nico Dust" products are most powerful in warm, bright sunshine and should be applied when the air is still or disturbed only by a slight breeze. Dusting in the early morning gives the best results.

It is an extremely fine dust, and has greater power of penetration than the liquid spray. It gives off a strong nicotine gas or vapor which kills insects even when none of the dust actually reaches them. It is made especially to exterminate insects such as cabbage aphids, melon aphids, grape leaf hoppers, onion thrip, citrus thrip, and all plant lice. Nico Dust is made in three strengths. Order by number and specify what pest you wish to combat.

Nico Dust No. 8—8% Black Leaf 40. 5 lbs., \$1.90; 25 lbs., \$6.50; 50 lbs., \$12.00; 100 lbs., \$22.50.

Nico Dust No. 6 contains 6% Black Leaf 40. 5-lb. pkg., \$1.75; 25-lb. steel drum, \$5.50; 100-lb. drum, \$18.00.

Nico Dust No. 10 contains 10% Black Leaf 40; very effective. 5-lb. pkg., \$2.15; 25-lb. drum, \$7.00; 100-lb. drum, \$25.00. Above prices all f. o. b. Phoenix.

### Insecticide Poisons Cannot Be Sent by Mail

**NICO GARDEN DUST**—Put up especially for the family garden for use on vegetables, small fruits, rose bushes, all vines and flowers, where there is a variety of pests to contend with, such as aphids, leaf hopper, red spider, etc. 1/2-lb. pkg., with sifter top, 35c.

**ARSENATE OF LEAD**—The most effective of all insecticides for spraying purposes. Especially adapted for use on tender plants and foliage. Lb. can, 50c; 4-lb. pkg., \$1.40.

**FISH OIL SOAP**—When used in connection with nicotine solutions it better enables the spray to stick to the foliage. Lb., 25c; 10 lbs., \$2.00.

### SHERWIN WILLIAMS FUNGI-BORDO

(Bordeaux Mixture)

In powdered form, mixes perfectly with cold water. For peach, tomato and potato blight and all fungus diseases. Prevents and cures mildew on roses, peas, beans, grapes, etc.

**Directions:** Use seven to fifteen pounds to 50 gallons of water. Or seven to eight tablespoonsful to one gallon of water. 1 lb., 50c; 4 lbs., \$1.50. Write for quantity price. Cannot be sent by mail.

**Black Leaf 40**  
40% Nicotine

Kills  
Aphids



### Black Leaf 40

A solution of nicotine sulphate containing 40 per cent nicotine. The most highly recommended spray for soft-bodied sucking insects, such as plant lice, thrips, leaf hoppers.

Small bottle, 35c; 1/2 lb., \$1.25; 2 lbs., \$3.50; 10 lbs., \$11.85, by express or freight.

**PARIS GREEN**—The old reliable destroyer of all chewing insects, such as potato bugs, codling moth caterpillars, etc. 1 lb., 25c; 1/2 lb., 40c; 1 lb., 55c; 5 lbs., \$2.25.

**GOPHER BANE**—A very effective poisoned grain for gophers, field mice, etc. Pkg., 50c.

**SULPHUR** (Powdered)—Lb., 15c; 10 lbs., \$1.25.

**TABACCO DUST**—For green and black fly, plant lice, etc. Apply when foliage is moist. Lb., 25c.

**SODIUM FLUOCILICATE**—1 lb., 40c; 5 lbs., \$1.75, f. o. b. Phoenix. Cannot be mailed.

Write us for information on insect pests.

### Inoculator

**McQUEEN'S INOCULATOR**—McQueen's Inoculator has a marvelous record because it is field bred and farm grown, making it virile and ready to go. It makes poor land good—good land rich. It is "Nature's easy way" of enriching the soil and making greater crops—not only of legumes but of the following crops. McQueen's Inoculator is backed up by so strong a guarantee. This is your protection. You are the judge of results.

**Guarantee:** Use as many packages of McQueen's Inoculator as you wish, according to directions. If nodules do not appear in a satisfactory manner, we will refund the entire purchase price.

**SEE OUR GARDEN SEED COLLECTIONS**

Attractive Prices: For Soy Beans, Cow Peas, Vetch and other peas and beans:

1-bushel size .....	\$0.50	For Clover and Alfalfa	
2-bushel size .....	1.00	1-bushel size .....	\$0.50
3-bushel size .....	2.50	1-bushel size .....	1.00
6-bushel size .....	5.00	6-bushel size .....	5.00
10-bushel size .....	7.50	10-bushel size .....	7.50

Postpaid.

Postpaid.

Garden size, peas, sweet peas, beans and lima beans, 20c postpaid.

Always state kind of seed you wish to inoculate.

**SEMESAN**—A seed, plant and soil disinfectant. It will successfully prevent or control diseases of seeds without in the least impairing their vitality, but on the other hand, generally increases germination, invigorates seedling growth, and develops sturdier plants. Semesan will also prevent or control the "Brown Patch" of lawns, the "Damping-off" of seedlings and cuttings and certain soil borne diseases. Treatments can be made in dust or liquid form. 2-oz. tin, 50c; 3-oz. tin, \$1.60; 1-lb. tin, \$2.75; 5-lb. tin, \$13.00; cannot be mailed.

**SEMESAN, JR.**—A less expensive but equally effective form of Semesan for dry dust disinfection of seed corn only. Controls diseases and at the same time increases yields from 10 to 40 per cent. 1-lb. tin, \$1.75; 5-lb. tin, \$8.00; cannot be mailed.

**SEMESAN BEL**—Applied to whole or cut seed potatoes, either as a dry powder or in liquid form, Semesan Bel will prevent or control the common seedborne potato diseases. Also very effective in treatment of Gladioli and other bulbs, and produces healthier plants. 1-lb. tin, \$1.75; 5-lb. tin, \$8.00; cannot be mailed.



**CYANO GAS** is very effective in destroying ants, gophers and grape leaf hoppers. Full directions for its various uses with each can. TRY IT!

IN DUST OR GRANULAR FORM

Used extensively for killing ants. Very effective and economical.

1-lb. Pkg. ....	\$ .75
5-lb. Can .....	2.50
25-lb. Drum .....	8.50
100-lb. Drum .....	21.00

F. O. B. Phoenix.  
Cannot be mailed.

## Fertilizers

### Commercial Fertilizers

We are stocking a complete line of Fertilizers this season which are ready-prepared for use without the necessity of mixing. Some are listed as number fertilizers, the first numeral of which states the percentage of nitrogen it contains; the second, phosphoric acid; the third, potash. The mixed fertilizers with price, quantity to use, and the crops to use them on, are listed below:

2-12-2 Cotton .....	\$75.00	250-250 lbs.
8-8-4 Lettuce, Cabbage, Cauliflower .....	90.00	400-700 lbs.
8-8-2 Strawberries, Onions, Spinach .....	75.00	400-700 lbs.
4-8-5 Melons, Potatoes, Sweet Potatoes .....	75.00	500-500 lbs.
4-9-2 Beets, Carrots, Radishes .....		
All Bunch Crops .....	70.00	400-600 lbs.

The fertilizers listed above are only a part of the many mixed fertilizers we carry.

Complete information concerning fertilizers may be had by writing us or calling in to our store.



ODORLESS—CLEAN—EFFICIENT

ODORLESS—CLEAN—EFFICIENT

No Filler—No Bulk—All Fertilizer

BEST MONEY CAN BUY—BEST EARTH CAN PRODUCE

For Lawns, Flowers, Gardens, Shrubs, House Plants, Fields and Orchards

BUY THE BEST—WE DO

Book FREE—Tells just HOW!

A 25-lb. bag covers a lawn space of 1200 square feet. Lasts a year or more.

A tablespoonful to hill of potatoes, tomatoes or ordinary rose bush means abundant flowers, crisp and early vegetables.

A teaspoonful for 6 to 8-inch potted plant. Ferns love it. 2-lb. pkg., 50c; 25 lbs. in cotton bag, \$3.00. Postage extra.

We also recommend fertilizers listed below, which are not mixed and known as simples:

**FISH MEAL**—A highly concentrated material composed of dried fish scrap. It is highly recommended by many gardeners as being ideal for lawn and garden growth. It is practically all available plant food and lasts a long time. 100 lbs., \$6.00; 50 lbs., \$3.25; 25 lbs., \$2.00; 5 lbs., 50c.

**NITRATE OF SODA**—Contains about 15 per cent nitrogen. It is a very quick acting fertilizer and best applied after plants are growing. Successfully used in forcing large flowers and beautiful green foliage. Apply in liquid form at the rate of 1/2 oz. to 1 gallon of water. Lb., 15c; 10 lbs, 75c.

**BONE MEAL FERTILIZER**—White steamed, a finely ground material of high quality, useful for all crops, but especially for grass lands, fruit trees and flower beds. Lb., 10c; 5 lbs., 35c; 10 lbs., 60c; 100 lbs., \$5.00.

**BLOOD MEAL, Pure Dried Blood**—This is a highly nitrogenous fertilizer, rich in plant food and an excellent material for increased growth and a profusion of flowers and fruit. Lb., 15c; 5 lbs., 50c; 10 lbs., 85c; 25 lbs., \$2.00; 100 lbs., \$6.50.

**GYPSSUM**—A very high grade material, useful for correcting black alkali, loosening the heaviness of adobe and other heavy soils. 10 lbs., 50c; 25 lbs., 75c; 50 lbs., \$1.25; 100 lbs., \$2.00.

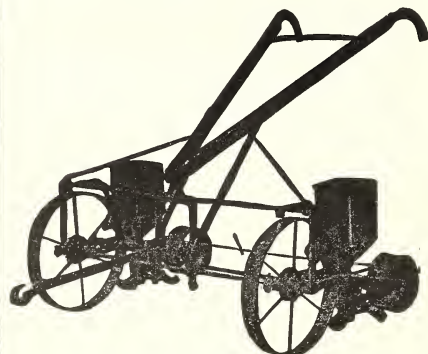
**HYDRATED LIME**—Used to correct any acid conditions existing in the soil. Lb., 10c; 5 lbs., 30c; 10 lbs., 50c.

Add postage to above prices on Fertilizer when wanted by Parcel Post. Write for Quantity Prices on Fertilizer.

### Stim-U-Plant

Growers of fine flowers, shrubs and vegetables for the best markets and for exhibition, fertilize and stimulate them frequently, a little at a time. An excellent fertilizer for this purpose is Stim-U-Plant, an odorless, highly concentrated plant food, in tablet form, with guaranteed chemical analysis of 11% nitrogen; 12% phosphoric acid; 15% potash. The proportions are accurate, there is no watered filler, and in this form you apply plant food exactly when and where and as needed. Order Stim-U-Plant tablets with your seed and plant order. Trial size, 15c; small size, 25c; 100 tablets, 75c.

## Planet Jr. Tools



No. 157—Two-Row Seeder

### No. 157 Planet Jr. Two-Row Seeder

This PLANET JR. combination is particularly adapted for use when planting on beds. The best results are obtained by using a small team in the alleys with the drills between, on the bed. This has become a very popular method in Arizona for lettuce, onions, etc.

The machine works equally well with a single horse in the

FERTILIZE WITH GROMORE

alleys and the drills on either side of the furrow. This arrangement has proved satisfactory.

The drills are adjustable from 10 inches to 36 inches apart, although it is not likely that the narrow distances will be used when the machine is drawn by a horse.

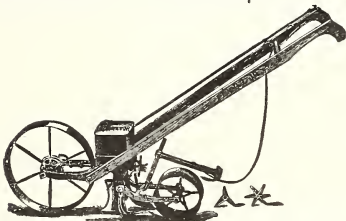
The draft of this seeder is so light that one man can push it successfully, but for all-day plowing, an additional man or boy pulling on the front practically eliminates the draft. Net weight, 100 pounds. Price, \$54.00, f. o. b. Phoenix.

## No. 12 Planet Jr. Double and Single Wheel Hoe

A Double and Single Wheel Hoe in one. Straddles crops till 20 inches high, then can be worked between the rows with one or two wheels.

The Hoes are wonderful weed killers and leave the ground almost clean.

Cultivator Teeth for deep or shallow work. Plows are valuable for opening furrows, covering or plowing to or from the crop. Weight, 33 lbs. Price, \$12.25, f. o. b. Phoenix.



## No. 5 Planet Jr. Hill and Drill Seeder

No. 5 is undoubtedly the best seeder we make for market gardeners, lettuce, beans and onion growers and other large planters. The style of construction is the same as in No. 3, the valuable mechanical features being common to both. 16½-inch steel driving wheel. Weight, packed, 51 lbs. Holds 5 quarts. \$22.25, f. o. b. Phoenix.

## Planet Jr. M. S. U. Seeder

This Planet Jr. Seeder (double-row on one bed) is meeting a long felt want with the lettuce planters in the West. The sled seeder is especially adapted for planting on irrigated beds where lettuce, table beets and other row crops are grown. The sled runners working in the irrigation furrows force the planting in a straight double line on top of the beds, making cultivation with either one or two-row cultivators practical, which could not be done with crooked row seeding.

The all-steel sled attachment consists of double front draw bar assembly, which is adjustable for different height rows; yokes with compression springs for raising and lowering seeders; lifting arch with lever and braces complete.

The new M. S. U. Seeders have practically no cast parts to break; the entire frame is steel, and the cover wheel is made in two parts, being adjusted to rise and fall freely, or with a spring pressure. The new frame controls the depth, holds the drills in place and lifts the drills clear of the ground when making turns, all by the use of one lever.

Sled Attachment with 2 M. S. U. Units  
(weight each, 170 lbs.).....\$55.75  
Sled Attachment only (weight each, 42 lbs.) ..... 14.25

Usually we sell the separate Units and the sleds are made by local mechanics.

Write us for Planet Jr. Catalog, giving complete line of Seeders and Cultivators.

## Germaco Hotkaps

### TO PROTECT CROPS FROM FROST

"HOTKAPS" insure against this hazard. This invention not only protects crops from frost, but shields young plants from wind, rain and insects. They stimulate plant growth.

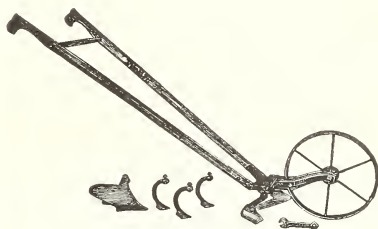
**BUY THE BEST—WE DO**



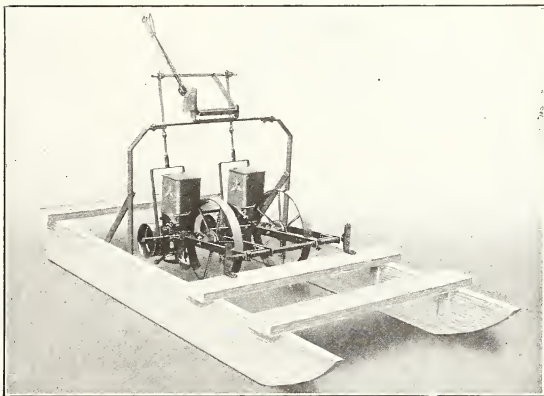
No. 12 Double and Single Wheel Hoe

## No. 17 Planet Jr. Single Wheel Hoe

Light and durable—can be used by man, woman or boy. Will do all the cultivation in your garden in the easiest and quickest way. High, easy running steel wheel. They take the drudgery out of garden work and give bigger, better crops. Last a lifetime. Price, \$8.75, f. o. b. Phoenix.



No. 17 Single Wheel Hoe



too, holding the moisture, maturing crops earlier and making it possible for them to command higher prices, being first to market. "HOTKAPS" quickly pay for themselves in many ways.

We have discontinued stocking the 9-inch "HOTKAP" as we consider them too small for practical use.

For the convenience of planters using less than the regular 1000 size' package of "HOTKAPS" we have packages containing 250 each, including one "HOTKAP" SETTER, at \$4.00 each, F. O. B. Phoenix. Shipping weight, 8½ lbs. 11-inch "HOTKAPS," packed 1000 in bundle, Shipping weight 26 lbs. If sent by mail, postage should be added.

**SPRAY FRUIT TREES AND ROSES**





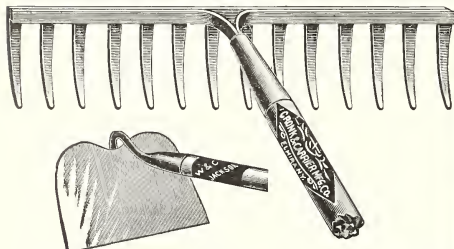
## Germaco Hotkaps

11-inch, per M. \$10.00 per 5M. 9.50 per 25M 9.00  
 "HOTKAP" SETTERS—Weight 2 lbs. packed ..... \$2.25 each  
 "HOTKAP" CARRIERS—Weight 3½ lbs. packed ..... 2.75 each  
 (not postpaid)

### GLASSINE FLAT PAPER PLANT COVERS

An inexpensive and economical plant protection.  
 15x16—Weight 15 lbs. 3 oz.—per M ..... \$3.50  
 16x18—Weight 17 lbs.—per M ..... 4.00

## Garden Tools and Lawn Supplies



Garden Rake—12 tooth, best steel	.....	\$1.25
Garden Rake—14 tooth, best steel	.....	1.50
Garden Hoe—Solid shank	.....	1.10
Warren Garden Hoe—Heart shaped	.....	1.25
Heavy Eye Hoe—Wide blade, for heavy work	.....	2.00
Heavy Eye Hoe—Narrow blade, for heavy work	.....	2.00
Turf Edger—For trimming lawns	.....	1.25
Irrigating Shovel—Best quality	.....	2.50
Garden Spade—Short D handle	.....	2.00
Garden Spade—Long handle	.....	2.50
Spading Fork—Short handle	.....	2.50
Spading Fork—Long handle	.....	2.50
Three-piece Children's Garden Set	.....	1.25
Post Hole Digger	.....	3.00
Axe and Handle—Complete, best quality	.....	3.00
Scythe and Snath—Complete	.....	4.00
Corn Planter—Acme	.....	2.00
Grass Hook—Very handy	.....	.75
Tree Pruner—2-ft. handle	.....	\$3.00 and 4.00
Hedge Shear—9-inch blade	.....	3.00
Pruning Shears—3 grades	.....	.75c, \$1.50 and \$3.00
Pruning Saw—Crescent or straight blade	.....	1.75
Grass Shears—3 grades	.....	.75c, \$1.00 and 1.50
Garden Trowels—Galvanized	.....	.25
Garden Trowels—Heavy steel	.....	.50
Hand Weeders	.....	.25c to .75c each

## Garden Hose and Lawn Sprinklers

GOODYEAR GARDEN HOSE—Best Quality.	
¾-inch size—25 feet	..... \$4.75
¾-inch size—50 feet	..... 9.00
	Postpaid
Crescent Lawn Spray	..... \$1.10
Large Ring Sprinkler	..... 1.10

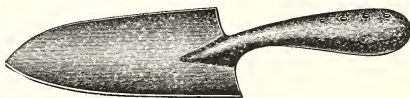
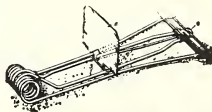
BUY THE BEST—WE DO

♦ Baby Ring Sprinkler	.....	.85
Midget Revolving Sprinkler	.....	1.75
Thompson Fountain Spray	.....	.65
Thompson Shower Spray	.....	.65
Thompson Twin Spray	.....	.55
Thompson Peerless Spray	.....	.75
Rose Sprayer	.....	1.00
Hose Spray Nozzle—Mystic	.....	.85
Hose Spray Nozzle—Allen	.....	1.10

## Gopher Traps

McCabe's Traps

Made of heavy wire and spring  
 (Each, 25c), (Dozen \$2.75).



## Galvanized Garden Trowel

No. 85.—Garden Trowel.—Made of a single piece of heavy galvanized steel. Handle and blade all in one piece. No wood handles to break or come off. An excellent tool at a low price. Each, 25c—postpaid.

## Moe's Transplanting Trowels



No. 81.—Transplanting Trowel.—One piece pressed steel. Handsomely finished in black and baked enamel. Length of blade, 6 in. Width 1¼ in. Ground and polished points. Each 40c, postpaid.

## Moe's Garden Trowels

No. 80.—Garden Trowel.—One-piece pressed steel. Handsomely finished in black baked enamel. Length of blade, 6 in. Ground and polished points. Each 40c, postpaid.



## Moe's Steel Garden Weeders



No. 82.—Garden Weeder.—One-piece black baked enamel. Has five steel fingers, and is one of the most useful and handiest garden tools made. Ground and polished points. Each, 35c postpaid.

## Spray Pumps

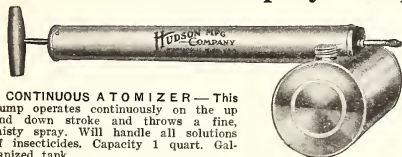
PERFECTION PUMP



This is one of the best all-purpose pumps made. Hundreds of them are in use in the Salt River Valley for garden spraying, whitewashing, coop disinfecting and many other things. It is equipped with four feet of hose and a three-foot extension rod with angle or straight nozzle. (Price \$8.50, f.o.b. Phoenix).

USE GROMORE FERTILIZER FOR ROSES

## Spray Pumps and Dusters



**CONTINUOUS ATOMIZER**—This pump operates continuously on the up and down stroke and throws a fine, misty spray. Will handle all solutions of insecticides. Capacity 1 quart. Galvanized tank.

85c each, by parcel post 10c extra.



### "MODUC" BUCKET PUMP

This pump is equipped with 3 feet of  $\frac{1}{2}$ -inch five-ply pressure spray hose attached with clamps. This pump will throw a straight stream, handle whitewash and other liquids with the same nozzle, by simply turning the disc in nozzle. Guaranteed to have a larger capacity than any similar pump.

Price each, \$5.00, f. o. b. Phoenix.

### HUDSON JUNIOR PUMP

The Hudson Junior Pump is unsurpassed for the backyard garden. It is light enough for a boy or girl to handle, yet strong and sturdy enough for any man. Can also be fitted with an extension rod when spraying low lying crops and to facilitate reaching the tops of fruit trees, bushes, etc.

Galvanized tank, 17 in. long, 6  $\frac{1}{2}$  in. diameter; capacity 2  $\frac{1}{2}$  gallons. Weight, 9 pounds.

Price, \$6.00 each. f.o.b. Phoenix.



No. 4—BARREL PUMP

This pump is made to fit in a barrel and has ample capacity for two lines of hose. May be put on a sled or wagon. We suggest 20 feet of hose for each line of Fog Nozzles.

Complete with hose, extension rods, shut-off and nozzle, ready for use, \$19.00, f. o. b. Phoenix.



### FOG NOZZLE

For use on the Perfection or any power pump. As its name indicates it produces a fog spray;  $\frac{1}{4}$ -inch connection. Angle or straight.

Each \$1.00, postpaid.



BUY THE BEST—WE DO



### NEW MISTY SPRAYER

A general purpose sprayer for farm, stable or garden uses. Handles fly-oils, bug poisons and disinfectants. Has large, powerful pump. Lock seamed can. Made of heavy tin. Holds one quart.

Price each, 75c, postpaid.

### GARDEN HOSE

WINGFOOT—Guaranteed 2 years.  $\frac{3}{4}$ -inch couplings. 25 ft. \$4.00, 50 ft. \$7.50, postpaid.

### SPRAY HOSE

$\frac{3}{4}$ -inch

We have the special Good-Year moulded spray hose which will stand the high pressure necessary. It doesn't pay to buy cheap spray hose.

Price per foot, 25c.

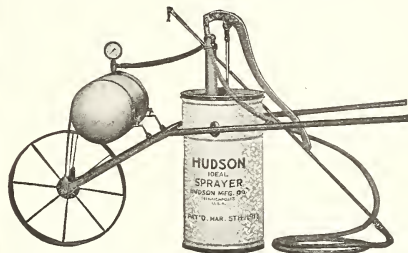
### Tree Tanglefoot

For protecting tree against climbing insects.

1-lb. can	.....\$ .60	TANGLEFOOT POWDER	
10-lb. can	.....4.75	2-oz. can	.....15c
5-lb. can	.....\$2.50	1-lb. can	.....60c
20-lb. can	.....9.00	$\frac{1}{2}$ -lb. can	.....35c

Postage extra

postpaid



IDEAL OUTFIT No. 31

This outfit is light, compact and easy to operate. The tank holds fifteen gallons, is mounted so that the liquid will not slop or spill, and in a way that makes it easy to handle. The pump spreads across the top of the tank and is held firmly in place by a thumb nut. It has the largest air chamber of any spray pump of corresponding size. This enables the operator to keep a uniform pressure at the nozzle.

Price \$42.50, f.o.b. Phoenix.

### Nico Duster

#### THE IMPROVED POYDER DUSTER

It is easily recognized as the best powder duster on the market. The absence of all cogs and wheels insure it against breakage through hard usage. If you have from 1 to 100 acres of melons or vine crop to dust, it will pay you to use this Duster.

No. 3—Price complete, with extension pipe, as shown above, \$18.50 f.o.b. Phoenix.

No. 1—Smaller capacity than No. 3, \$13.50, f. o. b. Phoenix.

Dusting with the NICO GARDEN DUSTER. Quick, Clean and Easy to Apply—One Needed in Every Home

There is scarcely an urban or suburban home that does not pride itself of at least two or three small fruit trees or vegetable or flower garden. You are aware that it is impossible to raise quality produce without using the proper insecticide.

Nico Garden dust and Dusters are very effective against the common pests which destroy the home gardens.

Nico Garden Duster, \$1.00 each—postpaid, \$1.10.

Our Floral Department will take care of your Cut Flower Needs on Short Notice.

SPRAY YOUR TREES AND ROSES

## Bush Roses

If wanted by mail, add 3c per bush for postage. Express shipments will allow for more packing around the roots and we suggest having them expressed rather than mailed.

Our roses are field grown, budded and own root stock, and are usually ready for shipment by January 15. We list here those varieties which have proven most successful under our soil and climatic conditions.

In setting out roses a hole should be dug at least one foot in depth and 15 inches wide for each plant; the roots should be carefully spread out and covered with fine soil; manure should never be placed in actual contact with the roots, but near at hand, within reach of the new feeding roots when growth begins. The remaining soil should then be packed in firmly, the surface leveled and covered with about three inches of pulverized manure and straw. In selecting your varieties, please add to the order a few supplementary varieties tested by previous orders the stock of any particular one should be exhausted.

### Special Notice—Important

Place your orders for Roses early in the season, as certain varieties become scarce as the season advances owing to the popular demand.

Please state in your order if it will be satisfactory with you to substitute varieties if we cannot supply what you order. If you fail to state "No substitution," we will use our best judgment in selecting varieties for you, or if you want only the varieties you order, we reserve the right to refund the money sent if our supply is exhausted.

**BELLE SIEBRECHT**—A magnificent rose of bright deep pink. Flowers are extra large and well formed, the buds being especially beautiful. A free and constant bloomer. Each 75c.

**LA FRANCE**—A superb standard variety of a delicate silvery rose changing to silvery pink. The flower is very large, full and globular form. Each 75c.

**JONKHEER J. L. MOCK, H. T.**—One of the best bedding and cutting varieties. The flowers produced with the greatest freedom on long stiff stems, and of large size and perfect form; a deep imperial pink in color, the outside of the petals being silvery rose white. Each 75c.

**PREMIER H. T.**—In the entire range of dark pink roses, there is none handsomer than this fine variety. The color, a deep rose pink, the perfect form of the flower, the ample foliage, and the unsurpassed fragrance, all combine to make it an excellent all-around rose for bedding or cutting. Almost thornless, splendid, stiff stems. Each 75c.

**AMERICAN BEAUTY**—Very large blooms of rosy-carmine, velvet with crimson. Does particularly well in Arizona. Each 75c.

**ANGELE PERNET**—Brownish-orange blooms of excellent shape, although only semi-double, and the color is well retained. Some fragrance. Moderate bushy growth and a steady bloomer. Each \$1.00.

**ASPIRANT MARCEL ROUYER**—A delicately beautiful yellow. It blooms steadily. Each .75c.

**BLACK BOY**—Large red blooms, double and very fragrant. Deep velvety crimson, shaded blackish maroon and scarlet. Each 75c.

**DAME EDITH HELEN**—Glowing pink, holds color with age. Carried on rigid erect stems, large and full, of perfect spiral form, opens well in all weather. Old Rose scent. Foliage abundant. Vigorous upright, free branching and flowering. Each \$1.50.

**GOLDEN EMBLEM**—A magnificent rose, with lovely long buds of golden yellow, beautifully tinted with crimson on outer scarlet petals. Opens to a full golden yellow flower. Blooms continuously. A very striking variety, certain to please all rose lovers. Each 75c.

**GRUSS AN TEPLITZ**—Brightest scarlet-crimson and flowering profusely. It grows tall and bushy and is intensely fragrant. Each 75c.

**HADLEY**—Deep velvety crimson, retains color in all seasons. Has long stems, full blooms and rich fragrance. Each 75c.

BUY THE BEST—WE DO

**HARRY KIRKE**—Deep sulphur-yellow, with edges of petals lighter. Buds long and gracefully formed. Vigorous and blooms continuously. Each 75c.

**HOOSIER BEAUTY**—A very highly colored red rose. Blooms like velvet and have delicious fragrance. Blooms do not fade. Each 75c.

**JOHN RUSSELL**—Probably the largest red rose grown. Enormous blooms, dark velvety crimson, sometimes overlaid with maroon. Each 95c.

**KAISERIN AUGUSTA VICTORIA**—Pure white, producing beautiful buds and full flowers. Blooms freely and continuously. Each 75c.

**LADY BATTERSEA**—A charming rose with long graceful buds of unusual coloring, rich-cherry red shading to rose pink, very full and pointed and blooming continuously. Each 75c.

**LADY GILLINGDON**—Best known and most dependable of yellow roses. Good size with long pointed buds. Each 75c.

**LORD CHARLEMONT**—Clear crimson to carmine crimson. Perfectly shaped, large and full. Very sweetly scented. Each 95c.

**LOS ANGELES**—One of the finest varieties ever introduced. A long stemmed flower, glorious rich flame-pink, shaded golden-yellow. Adaptable to all climates. Each 75c.

**MARBLE MORSE**—Bright golden yellow, without shading. Fine form. Sweetly scented. Each 75c.

**MARECHAL NEIL**—Old lemon yellow, large globular blooms, highly perfumed. Each 75c.

**MARGARET MCGREDY**—Large brilliantly colored double flowers of rich Oriental red, passing to carmine-rose, lasting a long time. Light spicy fragrance. Each 75c.

**MAMAN COCHET**—A popular old Tea-rose. carmine pink, shaded with salmon-yellow. Large and full, fine to cut. Large bush producing hundreds of flowers in a season. Each 75c.

**MISS CYNTHIA FORD**—Deep, brilliant rose-pink in color, the blooms are large, full and sweetly perfumed. One of the strongest growers, never without blooms. Each 75c.

**MME. EDWARD HERRIOT**—A vivid rose, copper, shaded with yellow and bright rosy scarlet. Won \$5,000 prize offered by "Daily Mail" of London in 1912. Each 75c.

**MME. LEON PAIN**—Silvery flesh pink, shaded orange, yellow in the reverse of petals being a salmon pink. Flowers very full and the large bush is very free flowering. Each 75c.

**MME. ABEL CHATENAY**—A beautiful rose-pink, shaded salmon. Large, full, free, and strong. Flowers early and late. Each 75c.

**MME. CAROLINE TESTOUT**—Clear, bright, satiny pink, very showy and fragrant. The rose that helped make Portland, Ore., famous. Each 75c.

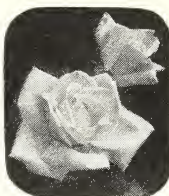
**MRS. J. C. AINSWORTH**—A big, pale pink rose with full, well formed flowers, intensely fragrant. Stems stiff and erect. Each 75c.

**PAUL NEYRON**—The largest rose in cultivation. A handsome, upright grower, producing an immense flower at the end of a very long, stiff stem; color, a deep rose-pink. Sweet fragrance. Each 75c.

**REIMS**—Outside flashy-pink and yellow center. Superb coloring. Each 75c.

**SOUVENIR DE CLAUDIUS PERNET**—The yellowest of all roses. The flowers are of a clear, unfading sunflower yellow, born on long, stiff stems. Came from Europe, the finest yellow rose ever produced on that continent. Each 75c.

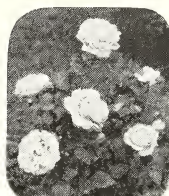
**SUNBURST**—Deep yellow, with orange-yellow center, large, full and of beautiful form. Its name typifies its glorious coloring, which is unapproachable. Each 75c.



K. A. Victoria



American Beauty



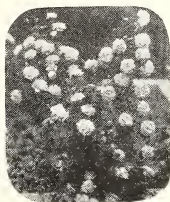
Mme. Abel Chatenay



Golden Emblem



**ULRICH BRUNNER.**—One of the grandest hardy roses, bursted in spring under great big blooms of cherry-red. The flowers open well every where, are intensely fragrant, have long stems. Wonderful for cutting. Each 75c.



Una Wallace

sparkling shell pink of the most exquisite shade. Each 75c.

**GENERAL MCARTHUR.**—A brilliant scarlet; bright rose color of good size, and double, of remarkably strong growth, upright and symmetrical. We recommend this as one of the best scarlets for bedding or for cut flowers. Each 75c.

**GENERAL JACQUEMINOT.**—A celebrated and much sought after variety; shapely buds and handsome blossoms of bright shining crimson. Each 75c.

**MLLE. CECIL BRUNNER.**—A dainty little gem, rosy pink on a rich creamy white ground. Borne in large open clusters. Each 75c.

**EDWARD MAWLEY.**—Velvet crimson of a deep rich color on huge petals beautifully arranged. Each 75c.

**ETOIL DE FRANCE.**—A lovely shade of clear velvety crimson. Each 75c.

**ETOIL DE LYON.**—No better yellow bedder. Blooms freely and every flower is a gem. Each 75c.

**FRAU KARL DRUSCHKI.**—The white American Beauty. An everywhere hardy, vigorous grower, with bright green leaves. Each 75c.

**OPHELIA H. T.**—Color is salmon flesh, shaded with rose. Buds large and of absolutely perfect form. The flowers produced in profusion on long stiff stems. Growth vigorous. A fine, very popular rose. Each 75c.

**RAINBOW.**—A pretty striped variety resembling Papa Gontier in color, it being a lovely shade of carmine, striped in a most unique manner with intense crimson. Each 75c. doz. \$7.50.

**SOUVENIR DE PIERRE NOTTING.**—Beautiful yellow rose flushed light peach; flowers very large, well filled, and open, full and perfect. Buds are long, pointed and very fragrant. Each 75c.

## Climbing Roses

**CLIMBING BELLE SIEBRECHT.**—The flowers are large, exceedingly graceful, full and double; buds long and pointed; color is a brilliant rich, deep pink. Each 75c.

**CLIMBING CAROLINE TESTOUT.**—Clear, bright, satiny pink, very showy and fragrant. Each 75c.

**CLIMBING CHEROKEE WHITE.**—Produces great masses of waxy-white single flowers in the spring and is much used for covering fences, buildings, etc. The foliage is bright shining green at all times of the year. Each 75c.

**CLIMBING CHEROKEE-PINK.**—About the same form and size as white Cherokee. Color bright clear pink. Each 75c.

**CLIMBING COCHET.**—White. Ideal in form; perfect in color, vigorous in growth. Each 75c.



Climbing Dorothy Perkins

**CLIMBING DOROTHY PERKINS.**—A hardy, vigorous spring blooming climber, which is always dependable for porches, pergolas, etc. Great clusters of small, very double, shell-pink flowers. Each 75c.

**CLIMBING GOLDEN EMBLE M.**—Golden yellow tinted crimson. A very fine and new climber. Each \$1.50.

**CLIMBING GENERAL MCARTHUR.**—Same bright scarlet

—Same as bush variety, possessing the same bright scarlet crimson shade. Climbs vigorously. Each 75c.

**CLIMBING GRUSS AN TEPLITZ.**—Bright red flowers. Blooms with great freedom in early spring and moderately thereafter. Each 75c.

**CLIMBING HADLEY.**—Deep crimson fragrant blooms of this popular rose are here found upon a vigorous climber and are produced all through the summer. Each 75c.

**CLIMBING KAISERIN AUGUSTA VICTORIA.**—A grand white climbing rose; large, deep and double. Best of all white climbers. Each 75c.

**CLIMBING LADY HILLINGDON.**—Beautiful long buds opening into cup shaped flowers of golden yellow with no other shade. A vigorous climber. Each 75c.

**CLIMBING MAMAN COCHET.**—A strong climber, blooms of clear rich pink. Each 75c.

**CLIMBING MISS MARION MANIFOLD.**—Very vigorous, recently introduced from Australia. A crimson-scarlet climber. Each 75c.

**PAUL'S SCARLET CLIMBER.**—Very striking. The flowers are an intense vivid scarlet, semi-double. Grows in clusters of 3 to 20 blooms on long many branched canes. The flowers do not fade. A solid mass of bloom in the spring. Each 75c.

**CLIMBING RED RADIANCE.**—Big, bold cherry-red flowers. Exceedingly hardy. Each 95c.

**CLIMBING ROSE MARIE.**—One of the finest pink climbers. Flowers are larger and longer stemmed than in the bush form and are borne in great profusion in spring, summer and fall. Grows 10 feet in one season. Each 75c.

**CLIMBING SILVER MOON.**—One of the most exquisite of climbers with gigantic, single saucer-shaped blooms of pure white, borne in sprays. Grows 15 to 20 feet in a season. Spring blooming only. Each 75c.

**CLIMBING SUNBURST.**—Strong, vigorous, and quite hardy. Deep cadmium yellow, with orange yellow center. Each \$1.00.

**TAUSENDSCHOEN THOUSAND BEAUTIES.**—(Poly.) A rambling rose which is a great favorite. Its color is delicate shade of rose-pink; flowers in large clusters. Each 75c.

**CLIMBING AMERICAN BEAUTY.**—The ever-popular American Beauty Rose with the addition of the climbing habit has proved hardy and capable of standing heat and drouth. Each 75c.

**CLIMBING YELLOW CECILE BRUNNER.**—Polyantha. A sport from the well-known Cecile Brunner. The flowers are the same except that they are an apricot yellow instead of pink. Each 75c.

**CLIMBING PINK CECILE BRUNNER.**—One of the strongest growing roses, style of foliage and color same as the bush. Each 75c.



Crimson Rambler

**CLIMBING HOOSIER BEAUTY.**—Deep crimson with darker shadings just like the bush variety and is strong and vigorous. We believe this is one of the very best Hybrid Tea climbers ever produced. Each 75c.

**CLIMBING ETOILE DE FRANCE.**—Very vigorous. Always in flower throughout the heat of summer and undoubtedly the best hot-climate climber on the list. Each 75c.

**CRIMSON RAMBLER.**—Too well-known to need description. Each 75c.

**MARECHAL NIEL.**—Climbs to a great height and yields beautiful golden-yellow buds and blossoms in rich profusion. Each 75c.

**CLIMBING PAPA GONTIER.**—Rosy-crimson, fine, long bud; free and strong. Each 75c.

## Rose Collection

- No. 1.—5 of the 75c Bush Roses for.....\$ 3.25 Postpaid  
No. 2.—10 of the 75c Bush Roses for..... 6.25 Postpaid  
No. 3.—5 of the 75c Climbing Roses for..... 3.25 Postpaid  
No. 4.—10 of the 75c Climbing Roses for..... 6.25 Postpaid  
No. 5.—20 assorted Bush and Climbers for..... 12.00 Postpaid

Write for  
Information on  
Growing Roses

## Deciduous and Evergreen Shrubs

Buddleia superba—"Summer Lilac"—in gallon containers	Each	\$.85
Busaria spinosa—in gallon containers		\$.85
Cassia artemesoides—in gallon containers		1.25
Cotoneaster pannosa—"Silverleaf Cotoneaster"—in 5 gallon containers		4.00
Cotoneaster pannosa—"Silverleaf Cotoneaster"—in gallon containers		
Euonymus japonica—in 5-gallon containers, 2 to 3 ft.		3.50
Euonymus japonica—in gallon containers, 12 to 15 in.		.90
Euonymus japonica—in flats, each		.15
Euonymus japonica—in flats, per flat		8.50
Euonymus albo-marginata—in gallon containers		.85
Euonymus rosea—in gallon containers		.90
Euonymus rosea—in 5-gallon containers		3.00
Genista hispanica—"Spanish Broom"—in 5-gallon containers		3.25
Genista hispanica—in gallon containers		.85
Hakea suaveolens—in 5-gallon containers		4.00
Leptospermum laevigatum—"Tea Tree"—in 5-gallon containers, 3 to 4 ft.		4.00
Leptospermum laevigatum—"Tea Tree"—in gallon containers, 1 to 2 ft.		.85
Lagerstroemia indica—"Crape Myrtle"—2 ft. in gallon containers		.50
Ligustrum nepalense—"Evergreen Privet"—3 to 4 ft. in 5-gallon containers		1.50
Ligustrum nepalense—"Evergreen Privet"—2 to 3 ft. in gallon containers		.85
Ligustrum nepalense—"Evergreen Privet"—in flats each		.15
Ligustrum nepalense—"Evergreen Privet"—in flats, per flat		8.50
Ligustrum japonicum—"Japanese Privet"—in gallon containers		.90
Ligustrum japonicum—"Japanese Privet"—in flats each		.15
Ligustrum japonicum—"Japanese Privet"—in flats, per flat		8.50
Myrtus communis—"Roman Myrtle"—in gallon containers		.95
Myrtus communis—"Roman Myrtle"—in flats, each		.15
Myrtus communis—"Roman Myrtle"—in flats, per flat		8.50
Myrtus communis compacta—"Dwarf Myrtle"—in gallon containers		.90
Myrtus communis variegata—"Variegated Roman Myrtle"—in gallon containers		.90
Nandina domestica—"Japanese Nandina"—in 5-gallon containers		3.75
Nandina domestica—"Japanese Nandina"—in gallon containers		.95
Oleanders—in 5-gallon containers		1.00
Oleanders—in gallon containers		.75
Pyracantha yunnanensis—2 to 3 ft., in 5-gallon containers		3.50
Pyracantha yunnanensis—in gallon containers		.85
Pittosporum tobira—"Japanese Pittosporum"—in 5-gallon containers		3.75
Pittosporum tobira—"Japanese Pittosporum"—in gallon containers		.95
Pittosporum tobira variegatum—"Variegated Pittosporum"—in 5-gallon containers		3.75
Pittosporum tobira variegatum—"Variegated Pittosporum"—in gallon containers		.95
Punica—"Flowering Pomegranate"—in gallon containers		.75
Photinia serrulata—"Evergreen Photinia"—in 5-gallon containers		4.00
Pinus radiata—"Monterey Pine"—in 5-gallon containers, 4 to 5 ft.		4.00
Pinus Canariensis—"Canary Island Pine"—in gallon containers		1.00
Thuja orientalis Bakers—"Bakers Arborvitae"—2 to 3 ft., boxed		4.00
Thuja orientalis aurea nana—"Golden Arborvitae"—1 to 2 ft., boxed		3.50
Thuja orientalis aurea nana—"Golden Arborvitae"—2 to 3 ft., boxed		4.00
Thuja orientalis—"Chinese Arborvitae"—2 to 3 ft., boxed		4.00
Juniper Sabina—"Savin Juniper"—in 5-gallon containers		3.25
Juniper Sabina—"Savin Juniper"—in gallon containers		.75
Juniperus chinensis Fritzeriana—"Fitzinger Juniper"—in 5-gallon containers		3.25

## Vines and Trailers

Cannas—all colors, each	20
Bignonia Tweediana—in gallon containers	.75
Tecoma radicans—"Trumpet-creeper"—in gallon containers	.75
Bougainvillea Braziliensis—in gallon containers	1.15
Ficus repens—"Creeping Fig"—in gallon containers	.95
Jasminum primulinum—"Primrose Jasmine"—in 5-gallon containers	3.25
Jasminum primulinum—"Primrose Jasmine"—in gallon containers	.95
Lonicera japonica Halliana—"Hall's Japanese Honey-suckle"—in gallon containers	.75
Antigonon leptopus—"Queens Wreath"—in gallon containers	.85
Ampelopsis quinquefolia—"Virginia Creeper"—in gallon containers	.75
Rubber Vine—in gallon containers	.75
Plumbago capensis—"Leadwort"—in gallon containers	.75

## Palms and Grasses

Phoenix canariensis—"Ornamental Date Palm"—boxed	3.00
Phoenix canariensis—"Ornamental Date Palm"—boxed	2.75
Phoenix canariensis—"Ornamental Date Palm"—in 5-gallon containers	3.00
Washingtonia robusta—"Fan Palm"—boxed, 2 to 3 ft.	2.25
Washingtonia filifera—"California Fan Palm"—in gallon containers	.75
Chamaerops excelsa—"Windmill Palm"—in 5-gallon containers, 3 to 4 ft.	4.75
Cycas revoluta—"Sago Palm"—in 4-gallon containers	10.00
Eulalia zebrae—in gallon containers	.90
Phormium tenax Veitchianum—"Variegated New Zealand Flax"—in gallon containers	.95
Pampas Grass—White—in 5-gallon containers	2.50

## Deciduous and Evergreen Trees

Fraxinus velutina—"Arizona Ash"—open root, 4 to 6 ft.	1.00
Acacia floribunda—"Everblooming Acacia"—in 5-gallon containers, 2 to 7 ft.	2.50
Acacia floribunda—"Everblooming Acacia"—in gallon containers, 2 to 3 ft.	.65
Robinia Pseudacacia—"Black Locust"—open root, 5 to 6 ft.	1.00
Robinia Pseudacacia—"Black Locust"—open root, 3 to 5 ft.	.50
Populus candicans—"Balm of Gilead"—open root, 4 to 5 ft., branched	.75
Sterculia diversifolia—"Bottle Tree"—boxed 6 to 15 ft.	\$2 to 10.00
Sterculia diversifolia—"Bottle Tree"—in gallon containers, 2 to 3 ft.	.75
Cupressus arizonica—"Arizona Cypress"—boxed, very bushy, 3 to 4 ft.	4.00
Cupressus arizonica—"Arizona Cypress"—in gallon containers, 3 to 5 ft.	1.00
Cupressus seppervirens—"Italian Cypress"—boxed, 4 to 5 ft.	3.50
Cupressus seppervirens—"Italian Cypress"—in gallon containers, 2 to 3 ft.	2.75
Cupressus seppervirens—"Italian Cypress"—in gallon containers, 2 to 3 ft.	1.25
Cupressus macrocarpa—"Monterey Cypress"—in 5-gallon containers, 3 to 5 ft.	1.50
Casuarina Stricta—"Beefwood or She Oak"—in 5-gallon containers, 4 to 5 ft.	2.75
Casuarina Stricta—"Beefwood or She Oak"—in gallon containers, 3 to 4 ft.	.75
Ceratonla siliqua—"St. John's Bread or Carob"—in 5-gallon containers, 4 to 5 ft.	2.75
Ceratonla siliqua—"St. John's Bread or Carob"—in gallon containers, 3 to 4 ft.	1.40
Ceratonla siliqua—"St. John's Bread or Carob"—in gallon containers, 2 to 3 ft.	1.00
Eucalyptus rudis—"Desert Gum"—in 5-gallon containers, 10 to 12 ft.	3.00
Eucalyptus rudis—"Desert Gum"—in gallon containers, 4 to 5 ft.	.75
Eucalyptus rostrata—"Red Gum"—in 5-gallon containers, 10 to 12 ft.	3.00
Eucalyptus rostrata—"Red Gum"—in 5-gallon containers, 6 to 8 ft.	2.00
Eucalyptus rostrata—"Red Gum"—in gallon containers, 4 to 5 ft.	.75

BUY THE BEST—WE DO

COMPLETE SERVICE IN CUT FLOWERS

Shinus molle—"Pepper Tree"—in 5-gallon containers, 8 to 10 ft. ....	2.50
Shinus molle—"Pepper Tree"—in 5-gallon containers, 4 to 5 ft. ....	1.50
Shinus molle—"Pepper Tree"—in gallon containers, 4 to 5 ft. ....	.85
Ulmus pumila—"Chinese Elm"—open root, 4 to 5 ft. ....	1.25
Melia azedarach umbraculiformis—"Umbrella"—open root, 8 to 9 ft., branched ....	2.50
Melia azedarach umbraculiformis—"Umbrella"—open root, 6 to 8 ft., branched ....	1.75
Melia azedarach umbraculiformis—"Umbrella"—open root, 5 to 6 ft., branched ....	1.25
Melia azedarach umbraculiformis—"Umbrella"—open root, 4 to 6 ft., branched ....	1.00
Grevillea robusta—"Silk Oak"—in gallon containers....	.75

## Citrus and Deciduous Fruit Trees

If wanted in quantities of 10 or more of a kind, ask for prices, submitting list for quotation.

**IMPORTANT**—Quotations on plants, trees and shrubs are all free on board cars, packed for shipment, Phoenix, Arizona, and freight or express at purchaser's expense, where not otherwise quoted. No plants sent out C.O.D.

**FRUIT TREES**—Handling bare root stock.

Plant your trees and vines as soon after receiving them as possible.

Do NOT allow the roots to dry out. Dig the hole large enough to take the roots without crowding them. Set the tree and fill in enough to hold the tree upright, then put on enough water to settle the soil about the roots; when it is soaked up, fill up the hole, make a basin about the tree and water every 10 days or two weeks. Prune the tree back to a single stem 20 to 30 inches.

When setting out balled trees do not remove the burlap, as to remove it may crack the ball dirt around the roots and injure them. Set the tree in the hole and fill in almost two-thirds of the soil, then cut the top string of the burlap and throw in the remainder of the soil. Make a shallow basin around the tree which fill with water to settle the earth around the roots. Use no fertilizer at time of planting, this may be applied after the tree gets established and is growing.

## Oranges

**WASHINGTON NAVEL**—Seedless. This is the most popular variety of orange in Arizona. It is a very thrifty grower and is a prolific bearer. The fruit is large, flesh meaty, tender and sweet. Peel smooth and tough. Ripens December to April. Each \$3.00 to \$5.00.

**VALENCIA**—Next in popularity to the Washington Navel. As the Navel season closes, the Valencia season begins and lasts through the summer and fall months. Tree a strong grower and very prolific. Fruit medium size, oblong, firm and having few seeds. Ripens May to October. Each, \$3.00 to \$5.00.

**TANGERINES**—Dancy. Orange red skin. Pulp highly flavored and of the best quality. Ripens February to May. Each \$4.00.

## Lemons

**EUREKA**—This is the leading variety. Fruit uniform and of medium size. Rich in juice of the highest quality with few seeds. Bears heavily and continuously, especially during the summer months when lemons are in the greatest demand. Finest variety for shipping. Each \$3.00.

## Peaches—Freestone

Prices—85c each, \$8.00 per 10

Add 10c per tree if wanted by parcel post

**ELBERTA**—Large yellow with red cheeks. Unexcelled for table use. Ripens in August.

**FOSTER**—Fruit large yellow, red on cheek, flesh yellow, very rich. Ripens in July.

**KRUMHOLTZ**—A very fine flavored peach, ripening in October. Large, juicy and sugary.

**SALWAY**—Equal to Elberta in size and flavor. One of the best for Arizona. Ripens in September.

**J. H. HALE**—The experiments of the past several years have demonstrated that this is a profitable variety for the peach grower. It is a freestone of large size—Elberta type—highly colored; yellow flesh, red around the pit, which disappears in canning, almost as a cling yet tender and good for eating; ships exceedingly well; remains on trees in firm condition for longer than any other freestone; bears well and commands high price. Ripens with Elberta. August.

**EARLY CRAWFORD**—Has all the good qualities of the Late Crawford. Ripens in August and September.

**BUY THE BEST—WE DO**

## Peaches—Cling

Prices—85c each, \$8.00 per 10

Add 10c per tree if wanted by parcel post

**PHILLIPS CLING**—Fine large yellow, flesh firm and yellow to pit. Ripens in September.

**WHITE HEATH**—Very large, white with light shade of red. Ripens in September.

**ORANGE CLING**—Large yellow with dark crimson cheek. Flesh golden yellow. Ripens early in August.

## Grapefruit

**MARSH SEEDLESS**—Fruit of good size; juice abundant and of exceptionally fine flavor; rich and piquant. Rind thin and lemon yellow. Tree compact and vigorous growing. Each \$3.00 to \$5.00.

## Apples

Prices—85c each, \$8.00 per 10

Add 10c per tree if wanted by parcel post

**GRAVESTON**—Large yellow marked with red and orange; flesh tender, August.

**DELICIOUS**—A magnificent new variety of fine appearance and delightful flavor; brilliant red; of large size, rather conical in form. Tree has good, strong habit of growth and excellent bearing qualities.

**RED ASTRACHAN**—Large deep crimson, flesh white, crisp, juicy, rather acid. Ripens July and August.

**WHITE WINTER PEARMAN**—Commercial winter variety. Pale yellow, with yellowish crisp flesh; juicy, with a fine sub-acid flavor. Ripens in November.

**TRANSCENDANT CRAB**—A large golden yellow with rich crimson tint. Ripens in September.

## Apricots

Prices—85c each, \$8.00 per 10

Add 10c per tree if wanted by parcel post

**NEW CASTLE**—Medium size, round, fine flavor, a good shipper. One of the best early varieties. Ripens June 1st.

**MOOR PARK**—Large greenish yellow, shading to red on sunny side. Fruit is of highest quality. Excellent as a combination shade and fruit tree. Ripens in August.

**ROYAL**—Medium size, skin dull yellow, slightly tinged with red. Excellent for canning and drying. Ripens in July.

## Plums

Price—85c each, \$8.00 per 10

Add 15c per tree if wanted by parcel post

**BURBANK**—Fruit large, round, red. Flesh yellow, firm, juicy and of fine flavor. Ripens in July.

**CLIMAX**—Very early, large and of delicious flavor. The leader in shipping plums. Ripens in June.

**GREEN GAGE**—Medium size, yellowish green, richest flavor, skin tender. Ripens in July.

**SATSUMA**—Medium to large, skin dark red, with thin bloom of lilac shade. Flesh dark blood red, firm, solid and juicy. Ripens in August.

**WICKSON**—Very large, heart shape, deep red, flesh, firm, juicy, and of fine flavor. Excellent shipper. Ripens in early August.

**BEAUTY**—Precedes the Santa Rosa by ten days. Fruit large and beautiful, crimson with amber-crimson flesh. Tree a remarkably vigorous grower and never-failing bearer. June.

**SANTA ROSA**—Dark purplish crimson fruit, flesh pale amber near the skin. Good for shipping or for home use. Ripens in July.

## Figs

Price: 3 to 4-ft. Trees—\$1.00; 5 to 6-ft. Trees—\$1.50

Add 10c per tree if wanted by parcel post

**MISSION BLACK**—Of strong growth and very productive. Best commercial variety.

**WHITE ADRIATIC**—Skin greenish yellow, pulp red.

**KEEP THE FRUIT TREES  
CLEAN OF INSECTS**

**ASK YOUR NEIGHBOR IF THEY WANT A CATALOG**



Salway Peach



## Pears

Prices—85c each, \$8.00 per 10  
Add 10c per tree if wanted by parcel post

**BARTLETT**—Handsome large smooth summer pear. Golden yellow, often with a blush next to the sun. Very juicy and with a fine flavor. Ripens in August.



Kieffer Pears

**WINTER BARTLETT**—Large smooth yellow with blush; tender, juicy and melting. A pear of richest flavor.

**KEIFER**—Large and handsome; rich yellow, sprinkled with small dots and often tinged with red. Flesh white, buttery and juicy. Pick in November and ripen in the dark.

**WINTER NELLIS**—Medium size, skin yellowish green and russet. Flesh yellowish white; rich juicy and delicious. A splendid keeper and shipper. Pick in November and ripen in the dark.

## Quince

Price—85c each, \$8.00 per 10

Add 15c per tree if wanted by parcel post

**ORANGE QUINCE**—Large bright golden yellow of excellent flavor. Cooks tender. Valuable for preserves or flavoring. Ripens in September and October.

**PINEAPPLE**—Fruits large and fine. Tree hardy, healthy and prolific.

## Almonds

Price 85c each, \$8.00 per 10

Add 15c per tree if wanted by parcel post

**NONPAREIL**—One of the paper shell type with large white kernels. Tree of a weeping habit of growth and very ornamental. A remarkably heavy and regular bearer.

## Olives

5-8 to 3-4, \$1.00 each; \$9.00 per 10  
3-4 to 1-inch, \$1.50 each; \$13.50 per 10

By express only.

**MANZANILLO**—Furplish black, 1 inch long. Produces oil or green or ripe pickles of the highest grade. Ripens in October.

**MISSION**—Fruit medium to large. Gets black. Succeeds well under all circumstances. Ripens late.

## Prunes

Price 85c each; \$8.00 per 10

**FRENCH PRUNE**—Medium sweet, oval; skin purple; flesh rich and very sweet. The variety most extensively used for drying.

**SUGAR PRUNE**—Fruit very large; skin tender; dark purple covered with white bloom; flesh yellow, tender and sugary.

## Pomegranate

Each 25c; \$5.50 per 10

**WONDERFUL**—New variety. Large; highly colored; pulp richly colored, of good flavor; very fine. Ripens late.

## Grapes

Each 25c; \$2.50 per dozen

Add 3c each if wanted by parcel post

**THOMPSON SEEDLESS**—Bunches very long and loose, greenish yellow, and of fine flavor. Ripens in August.

**MUSCAT**—Oval, white. A raisin or wine grape of richest flavor.

**MISSION**—Furplish black medium-sized berries. Sweet, juicy and delicious. Ripen in September.

**ROSE OF PERU**—Very large, round, black; thick and dark.

**TOKAY**—Handsome large berries, pale red, covered with bloom; skin thick, flesh firm and sweet. Bunches large and moderately compact.

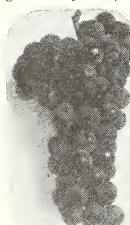
**BLACK CORNICHON**—Bunches long and loose; berries oval, tapering at both ends, skin thick and dark.

**BLACK HAMBURG**—MALAGA

**ZINFANDEL**—Wine Grape

**CONCORD**

**BLACK MANACKA**—Seedless, each 35c.



Rose of Peru

## Paper Shell Pecans

Good flavor, nuts large, shell thin. Quality good and heavy bearers.

**BUY THE BEST—WE DO**

## SUCCESS, STEWART, DELMAN and SCHLEY

Price, Budded—By express only

1 to 2 ft. ....\$2.00 2 to 3 ft. ....\$2.25  
3 to 4 ft. ....2.75 4 to 5 ft. ....3.00

## Small Fruits

	Each	Doz.	100
DEWBERRY .....	20c	\$2.00	\$9.00
LOGANBERRY .....	20c	2.00	9.00
BLACKBERRY .....	15c	1.50	8.00

## Price List of Native Trees and Shrubs

## All Native of Arizona

**BELEPORNE CALIFORNICA**—2 to 3 ft. shrub. Velvety green leaves and stems, red flowers. Blooms from August until frost. In gallon containers. Each, \$1.00.

**COLUMBINE**—12 to 18 inches high. Grows in clumps, has handsome foliage and long spurred yellow flowers. Does best in shaded locations. In gallon containers. Each 75c.

**DODONEA AUGUSTIFOLIA**—6-ft. shrub. Evergreen. Has willow leaf, pink blooms and creamy seed pods. In gallon containers. Each, 75c.

**IRONWOOD**—(Oleonea Tesota)—Shrub 10 ft. Has small leaves and violet color, pea-shaped flowers. Blooms early in May. In gallon containers. Each, 75c.

**LYSILOMA THORNBERI**—6 to 8 ft. fast growing shrub, with beautiful foliage and blooms of yellowish green balls. Dormant in Feb. In gallon containers. Each, \$1.00.

**MIMOSA DYSCARPA**—3 to 4 ft. Has pink cottony blooms all summer. Deciduous. In gallon containers. Each, 75c.

**PALO VERDE**—(Parkinsonia Microphylla)—Tree with small leaves. Has yellow flowers during April and May. In gallon containers. Each 75c.

**PARKINSONIA**—15 ft. A showy tree with bright green bark and feathery red-like branchlets in place of leaves. In early summer, has small bright yellow flowers. Very hardy. In gallon containers. Each 75c.

**STENOLBIUM INCISUM**—2 to 3 ft. A beautiful shrub with yellow trumpet flowers. In gallon containers. Each, 95c.

**YUCCA ELATA**—8 to 10 ft. Has spikes of white wax, 4 to 5 ft. in height. In gallon containers. Each, 75c.

On the above list, All Prices F. O. B., Phoenix, Arizona

## Books

## SUBJECTS COVERED

## For the South

**GARDENING IN THE LOWER SOUTH**—by H. H. Hume. The first and only complete garden guide for the south. It tells what flowers to plant for steady succession of bloom, how to have fresh vegetables throughout the year, how to grow fruits, what varieties to plant, what trees and evergreens grow best, and all about Southern soils, fertilizing, lawn making, palms, roses, azaleas, bulbs, bamboos, vines, and other plants. 102 illustrations, 472 pages. \$5.00

## Flowers

**HOME FLOWER GROWING**—by E. C. Volz. A real flower garden encyclopedia! It will teach you how to propagate and cultivate your plants, how to care for, fertilize, and maintain them. It tells how and when and where to grow flowers; what different kinds look like; how to plan indoors, outdoors, rock, and water gardens; how to prepare exhibits for a flower show; how to organize a garden club. 151 illustrations, 364 pages. \$5.50

## Pruning

**THE PRUNING MANUAL**—by L. H. Bailey. Instructions on just how and when to prune trees, shrubs, and vines. Explains the physical structure of plants, their habits of growth, methods of flower and fruit bearing and how pruning can be fitted intelligently to these. 381 illustrations, 400 pages. \$2.50

## Pest Control

**SPRAYING, DUSTING, AND FUMIGATING OF PLANTS**—by A. F. Mason. An invaluable handbook and reference for fruit growers, vegetable gardeners, nurserymen, and home gardeners. Tells what pests to expect and how to identify and control them, how to choose the right spray materials, how to select spraying and dusting machinery, and every other detail for the successful pest control of fruits, vegetables, and dooryard garden plants. 237 illustrations, 570 pages. \$5.00

## Citrus

**CITRUS FRUITS**—by J. E. Colt. Covers the whole field of citrus culture with special reference to California conditions. Complete for varieties, planting, propagation, cultivating, fertilizing, irrigating, frost protection, picking, packing, marketing, and pest control. 150 illustrations, 520 pages. \$3.00

**SEE US FOR BLACK LEAF 40**

**CULTIVATION OF CITRUS FRUITS**—by H. H. Hume. A completely illustrated practical help for growing and marketing citrus fruits, based on the practices of successful growers. Complete details on cultivating, pruning, packing, and identification and control of insects and diseases. 240 illustrations, 561 pages. \$5.00

## Gladiolus

**GLADIOLUS**—by F. F. Rockwell. Recommended as "the best brief guide on gladiolus growing." It tells how to plant, fertilize, and cultivate; how to grow from seed or bulbets; how to harvest and cure; how to handle for cut flowers; and every other detail needed for success with this popular flower. 45 illustrations, 79 pages. \$1.00

## Irises

**IRISES**—by F. F. Rockwell. A handy guide which will bring you success with irises and show new uses and effects possible in your garden. Describes the dwarf, early, German, Japanese, Siberian, water, crested, Spanish, English, Dutch and other types; tells the best soils; what fertilizers to use; how to plant; and what care is necessary. Tells how to propagate stock for your own use. 54 illustrations, 80 pages. \$1.00

## General Bulbs

**THE BOOK OF BULBS**—by F. F. Rockwell. Will help you grow bulbs successfully for spring, summer, fall, and winter flowering, inside and outside your home. The information in this book tells, and its pictures show how to grow 70 different bulbous plants including tulips, daffodils, hyacinths, lilies, gladiolus, dahlias, peonies, irises, begonias, cannas, bloodroots, and dozens of others. Recommended as the most complete and newest guide to bulb growing. 187 illustrations, 264 pages. \$3.00

## Warm Climates

**SUBTROPICAL VEGETABLE GARDENING**—by P. H. Rolfs. Information for the commercial gardener in warm, semi-tropical regions. Covers soils, fertilizers, rotations, seedling, planting, cultivating, pests, and marketing. 38 illustrations, 327 pages. \$2.50

## Poultry

**PRACTICAL POULTRY FARMING**—by L. M. Hurd. Here are practical, useful, and money-making ideas on raising poultry for profit, no matter whether one is entirely green or has years of experience. Complete in every detail. The only book which tells the vitamin content of poultry feeds. 149 illustrations, 405 pages. \$3.50

## Fertilizers

**FERTILIZERS**—by E. B. Voorhees, revised by S. B. Haskell. Presents usable plans for the fertilizing of flowers, lawns, garden and field crops. Tells how to judge an analysis guarantee, how to reduce to workable terms, and how to plan and calculate the ingredients for a specific mixture. 29 illustrations, 310 pages. \$2.50

## Naturalistic Gardening

**AMERICAN PLANTS FOR AMERICAN GARDENS**—by Roberts and Reimann. The use of our native plants is coming to the front rapidly. This book describes the groups of native plants that grow together in the wild and tells how to reproduce them with an informal and unstudied effect, and discriminating home owners. 11 illustrations, 131 pages. Specially recommended for landscape architects, nurserymen. \$3.00

## Care of Trees

**THE CARE OF ORNAMENTAL TREES**—by C. F. Greeves-Carpenter. Here is information on all the operations in tree care; the precautions necessary in transplanting; the best time and methods for pruning; how the soil, age, and kind of tree affects the choice and application of plant food; types of cavity filling; with the best methods for cabling and bracing. 7 illustrations, 70 pages. \$1.25

## Roses

**THE ROSE IN AMERICA**—by J. Horace McFarland. A complete guide to successful growing, based on Mr. McFarland's own experience and the exchange of ideas with other enthusiasts while acting as editor for the American Rose Society. Contains the newest information on cultivation, pest control, and varieties. 66 illustrations, 233 pages. \$3.00

## MEMO

*of Orders and Garden Notes*

# MEMO

of Orders and Garden Notes

A blank ledger page with two columns of horizontal lines separated by a vertical line. The page is designed for recording orders and garden notes. The left column has 20 horizontal lines, and the right column has 20 horizontal lines. A vertical line runs down the center, starting from a small diamond-shaped hole at the top and ending at a similar hole at the bottom. The lines are evenly spaced and extend across the width of each column.



# What to plant during each month

Since the climatic conditions of Arizona vary to a great extent it would be impossible to formulate a table covering the entire state, therefore we cover here conditions in the Salt River Valley and Southern Arizona, elevations to 3000 feet. Elevations to 4000 feet or more, plant two to four weeks later in the spring when danger of frost has passed.

## JANUARY

**VEGETABLE SEEDS**—Asparagus, Beets, Swiss Chard, Carrots, Collards, Endive, Kale, Kohlrabi, Lettuce, Mustard, Onion Sets, Onion Seed, Parsnips, Parsley, Peas, Potatoes, Radishes, Rhubarb Roots, Spinach, Strawberry plants and Turnips.

**VEGETABLE PLANTS**—Cabbage, Cauliflower, Celery, Brussels Sprouts, Egg Plant, Pepper, Tomato.

**FLOWER SEEDS**—African Daisy, Bachelor Button, Calendula, Calliopsis, Candytuft, Carnation, Centaurea, Cosmos, Coreopsis, Double Daisy, Gaillardia, Gypsophila, Hollyhock, Larkspur, Linaria, Lunum, Moon Vine, Shasta, Daisy, Stocks, Snapdragon, Sweet Alyssum, Sweet Peas, Verbena.

**BULBS**—Anemone, Amaryllis, Canna, Calla Lily, Chinese Lily, Crocus, Daffodils, Freesia, Gladiolus, Ixias, Jonquils, Hyacinths, Lily of the Valley, Oxalis, Paper White, Narcissus, Ranunculus, Spanish Iris, Tuberose, Zephyranthes.

**LAWN SEEDS**—Blue Grass, Rye Grass, White Dutch Clover.

**FIELD SEEDS**—Alfalfa, Barley, Oats, Rye, Rape, Sweet Clover, Wheat.

## FEBRUARY

**VEGETABLE SEEDS**—Asparagus, Beets, Carrots, Collard, Cress, Endive, Kale, Kohlrabi, Lettuce, Mustard, Okra, Onion Sets, Parsley, Parsnips, Peas, Peppers in Hotbeds, Irish Potatoes, Sweet Potatoes, Tubers in Beds, Radish, Rhubarb Roots, Salsify, Squash, Tomatoes, Turnips.

**FLOWER SEEDS**—Asters, African Daisy, Bachelor Button, Balsam, Calendula, Carnation, Candytuft, Calliopsis, Centaurea, Coreopsis, Cosmos, Cockscomb, Evening Primrose, Four-O'Clock, Gaillardia, Gypsophila, Hollyhocks, Helichrysum, Kochia, Lantana, Larkspur, Linaria, Lobelia, Lupin, Marigold, Moon Vine, Morning Glory, Nemophila, Nicotiana, Nasturtium, Other Vine Seeds, Pansy, Petunia, Pinks, Phlox, Poppies, Scarlet Flax, Shasta Daisy, Statice, Snapdragon, Sweet Alyssum, Sweet Peas, Sweet Sultan, Verbena.

**BULBS**—Anemone, Antigonon Leptopus or Queens Wreath, Amaryllis, Calla, Gladiolus, Hyacinth, Iris, Maderia Lily, Tuberose.

**LAWN SEEDS**—Bermuda Grass, Blue Grass, Rye Grass, White Dutch Clover. Set out Fruit Trees, Shrubbery and Rose Bushes.

**FIELD SEEDS**—Alfalfa, Barley, Oats, Rape, Sweet Clover, Wheat.

## MARCH

**VEGETABLE SEEDS**—Asparagus, Beans, Beets, Carrots, Collard, Corn, Cress, Cucumber, Egg Plant, Endive, Kale, Kohlrabi, Lettuce, Melons, Mustard, Okra, Onion Sets, Peas, Pepper, Peanuts, Irish Potatoes, Sweet Potatoes, Pumpkin, Radish, Salsify, Spinach, Squash, Tomato Seed.

**VEGETABLE PLANTS**—Artichoke, Egg Plant, Tomato.

**FLOWER SEEDS**—All Vine Seeds, Balsam, Cockscomb, Cosmos, Four-O'Clocks, Gaillardia, Gomphrena, He-

lichrysum, Hollyhocks, Kochia, Larkspur, Lantana, Marigold, Morning Glory, Nasturtium, Petunia, Portulaca, Scarlet Flax, Sweet Alyssum, Verbena, Zinnia.

**BULBS**—Anemone, Antigonon Leptopus, Calla Lily, Caladium, Canna, Gladiolus, Iris, Maderia Vine, Tuberose.

**LAWN SEEDS**—Bermuda Grass. Set out Fruit Trees, Shrubbery and Rose Bushes.

**FIELD SEEDS**—Alfalfa, Oats, Sweet Clover.

## APRIL

**VEGETABLE SEEDS**—Asparagus, Beans, Beets, Celery, Corn, Cucumber, Egg Plant, Endive, Kale, Kohlrabi, Lettuce, Melons, Okra, Peanuts, Irish Potatoes in high altitudes, Sweet Potatoes, Pumpkin, Radish, Squash.

**VEGETABLE PLANTS**—Artichoke, Egg Plant, Pepper, Rhubarb, Sweet Potato, Tomato.

**FLOWER SEEDS**—All Vine Seeds, African Marigold, Cosmos, Gaillardia, Hollyhock, Morning Glory, Portulaca, Zinnia.

**BULBS**—Antigonon Leptopus or Queens Wreath, Gladiolus, Canna, Tuberose.

**LAWN SEEDS**—Bermuda Grass.

**FIELD SEEDS**—Corn, Cowpeas, Feterita, Kaffir Corn, Millet, Milo Maize, Hegari, Sorghum, Sudan Grass.

## MAY AND JUNE

**VEGETABLE SEEDS**—Beet, Kale, Melon, Peanuts, Pumpkin, Sweet Potato Plants, Squash.

**FLOWER SEEDS**—African Marigold, Cosmos, Morning Glory, Portulaca, Vine Seed, Zinnia.

**LAWN SEEDS**—Bermuda Grass.

**FIELD SEEDS**—Cowpeas, Feterita, Kaffir Corn, Millet, Milo Maize, Hegari, Sorghums, Sudan Grass.

## JULY

**VEGETABLE SEEDS**—Brussels Sprouts, Cabbage seed and Cauliflower seed in shaded bed, Casaba, Corn, Peanuts, Pumpkin, Squash.

**FLOWER SEEDS**—Cosmos, Portulaca, Morning Glory, Vine Seeds, Zinnia.

**LAWN SEEDS**—Bermuda Grass.

**FIELD SEEDS**—Corn, Cowpeas, Feterita, Kaffir Corn, Millet, Milo Maize, Pink Beans, Sorghum, Sudan Grass.

## AUGUST

**VEGETABLE SEEDS**—Beans, Beets, Cabbage, Cauliflower in shaded bed, Carrot, Collard, Corn, Cress, Cucumber, Herbs, Kale, Kohlrabi, Lettuce, Mustard, Onion Seed, Onion Sets, Parsley, Radish, Spinach, Turnips.

**FLOWER SEEDS**—Flowering Sweet Peas, Cosmos, Nasturtiums, Phlox, Portulaca, Zinnia.

**LAWN SEEDS**—Bermuda Grass.

**FIELD SEEDS**—Corn, Cowpeas, Millet, Pink Beans; to August 10, Sudan Grass.

## SEPTEMBER

**VEGETABLE SEEDS**—Beans, Beets, Cabbage, Carrots, Cauliflower, Collards, Corn, Cress, Cucumbers, Herbs, Kale,

Kohlrabi, Lettuce, Mustard, Onion Seed, Onion Sets, Parsnip, Peas, Radish, Spinach, Turnip.

**VEGETABLE PLANTS**—Cabbage and Cauliflower.

**FLOWER SEEDS**—Anemone, African Daisy, Ageratum, Bachelor Button, Calendula, Calliopsis, Candytuft, Carnation, Centaurea, Early Flowering Sweet Peas, Columbine, Coreopsis, Delphinium, Gypsophila, Hollyhocks, Larkspur, Linaria, Mignonette, Nasturtium, Nemophila, Nicotiana, Phlox, Pinks, Petunia, Ranunculus, Scabiosa, Scarlet Flax, Shasta Daisy, Snapdragon, Stocks, Sweet Alyssum, Sweet Sultan, Sweet William, Verbena.

**LAWN SEEDS**—Bermuda Grass, Ky. Blue Grass, Rye Grass, White Dutch Clover.

**FIELD SEEDS**—Alfalfa, Field Peas.

## OCTOBER

**VEGETABLE SEEDS**—Beet, Cabbage, Carrot, Cauliflower, Collard, Cress, Endive, Garlic, Lettuce, Kale, Kohlrabi, Lettuce, Mustard, Onion Sets, Parsley, Parsnips, Peas, Radish, Salsify, Spinach, Turnips.

**VEGETABLE PLANTS**—Cabbage and Cauliflower.

**FLOWER SEEDS**—African Daisy, Bachelor Button, Calendula, Candytuft, Delphinium, Daisies, Gladiolus, Gaillardia, Gypsophila, Hollyhock, Larkspur, Linaria, Mignonette, Moon Vine, Nemophila, Nicotiana, Nigella, Pansy, Petunia, Phlox, Pinks, Poppies, Scabiosa, Snapdragon, Stocks, Sweet Alyssum, Sweet Peas, Sweet William, Verbena.

**BULBS**—Anemone, Amaryllis, Calla Freesia, Gladiolus, Hyacinths, Ixias, Lily, Chinese Lily, Crocus, Daffodils, Jonquils, Oxalis, Ranunculus, Tulips, Zephyranthes, Narcissus.

**LAWN SEEDS**—Blue Grass, Rye Grass, White Dutch Clover.

**FIELD SEEDS**—Alfalfa, Barley, Oats, Winter Rye, Wheat.

## NOVEMBER and DECEMBER

**VEGETABLE SEEDS**—Beet, Cabbage, Carrot, Cauliflower, Endive, Garlic Sets, Kale, Lettuce, Mustard, Onion Seed, Onion Sets, Parsley, Parsnip, Peas, Radish, Spinach, Turnip.

**VEGETABLE PLANTS**—Cabbage and Cauliflower.

**FLOWER SEEDS**—African Daisy, Calendula, Candytuft, Carnation, Calliopsis, Centaurea, Larkia, Columbine, Coreopsis, Delphinium, Daisies, Gladiolus, Gaillardia, Gypsophila, Hollyhock, Larkspur, Linaria, Mignonette, Moon Vine, Nemophila, Nicotiana, Nigella, Pansy, Petunia, Phlox, Pinks, Poppies, Scabiosa, Snapdragon, Stocks, Sweet Peas, Verbena.

**LAWN SEEDS**—Blue Grass, Rye Grass, White Dutch Clover.

**BULBS**—Amaryllis, Calla Lily, Chinese Lily, Crocus, Daffodils, Freesia, Gladiolus, Hyacinths, Ixias, Jonquils, Oxalis, Paper White, Narcissus, Ranunculus, Spanish Iris, Tuberose, Tulips.

**FIELD SEEDS**—Alfalfa, Barley, Oats, Wheat, Winter Rye.

# Arizona

## SEED & FLORAL COMPANY



### WINTER FLOWERING AND STANDARD SPENCER SWEET PEAS

AS ILLUSTRATED ABOVE, LEFT TO RIGHT.

FAIR MAID (Early) Blush Pink Suffused Salmon

BLUE BIRD (Early) A Pure Blue

PICTURE (Late) Pink & Cream

DEFIANCE (Late) Orange Scarlet

HARMONY (Early) Bright Lavender

AVIATOR (Early) Dazzling Crimson Scarlet

MRS. KERR (Early) Clear Salmon

MASTERPIECE (Late) Lavender Tinted Mauve

**SWEET PEA COLLECTION NO. 7. ONE PACKET OF EACH VARIETY. 75c POSTPAID**

GALLOWAY LITHO. CO. S.F.  
MADE IN U.S.A.